

WASHINGTON HEADQUARTERS SERVICES

12

**P07**

# Department of Defense

## PRIME CONTRACT AWARDS

by

## SERVICE CATEGORY

and

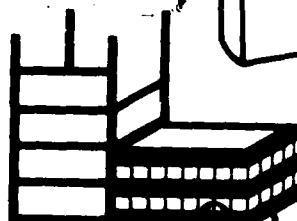
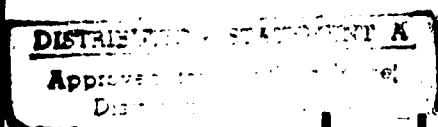
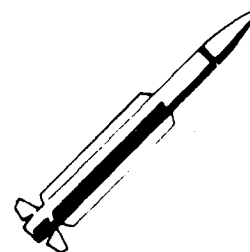
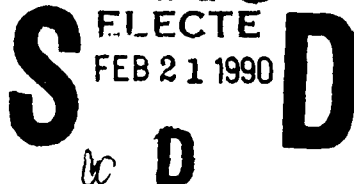
# FEDERAL SUPPLY CLASSIFICATION

**Fiscal Years 1989, 1988,  
1987, and 1986**

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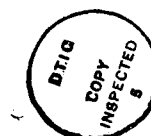
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**DIRECTORATE FOR INFORMATION  
OPERATIONS AND REPORTS (DIOR)**

# PRIME CONTRACT AWARDS BY SERVICE CATEGORY AND FEDERAL SUPPLY CLASSIFICATION

Fiscal Years 1989, 1988, 1987, and 1986



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## FOREWORD

This report is published annually. It presents data on Department of Defense (DoD) prime contract awards by Service Category and Federal Supply Classification (FSC) code for fiscal years 1986 through 1989. Data include statistics on both military functions of the DoD and civil functions of the U.S. Army Corps of Engineers.

Since this report was last published, 65 FSC codes were added, 9 were deleted, and several were changed in an effort to remove duplicates and improve the meaning and use of the service codes for fiscal year 1989.

For example, R511, "Environmental Baseline Studies," and R512, "Environmental Impact Studies," were replaced by a single, consolidated code, B510, "Environmental Studies and Assessments". Moreover, "Automatic Data Processing (ADP) Services," which were previously coded in the "R" section entitled, "Professional, Technical, and Management Services," in Table 2 of this publication, are now coded separately in a new section, section "D", entitled, "Automatic Data Services". For example, "ADP Entry Services," which was previously coded R303, is now coded D303, "ADP Data Entry Services".

The following table shows the migration of the FSC codes that changed in Table 2 from FY 1988 to FY 1989:

<u>FY 1988</u>	<u>FY 1989</u>
R1	C1
R221	F108
R2	C2
R3	D3
R511	B510
R512	
R5	B5
R498	R499
S219	F108
U009	U099

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## INTRODUCTION

This report presents summary data on Department of Defense (DoD) prime contract awards over \$25,000 (Tables 1, 2, and 3) by Service Category and Federal Supply Classification (FSC) for Fiscal Years (FY) 1989, 1988, 1987, and 1986. Awards of \$25,000 or less are covered in Exhibits A and B, which are discussed along with Exhibits C through F in the "HIGHLIGHTS" section of this introduction.

Table 1 - This table covers awards for Research, Development, Test, and Evaluation (RDT&E) services. Data are displayed according to DoD procurement program categories.

Table 2 - Data on awards for Other Services and Construction are provided in Table 2, arrayed according to Federal Procurement Data System codes and descriptions. This structure, which covers all non-RDT&E services, is composed of 23 groups and approximately 1400 individual classes. Some of the groups which are shown in Table 2 include Construction of Structures and Facilities, Operation of Government-Owned Facilities, Lease or Rental of Equipment, and Utilities and Housekeeping Services. This system, now employed as a federal requirement, was originally developed for the purpose of reporting the procurement of services other than RDT&E.

Table 3 - Table 3 contains data on awards for Supplies and Equipment, presented according to the appropriate Federal Supply Classification (FSC) code and description. This structure is composed of 78 groups and approximately 660 individual classes. This system was developed primarily for supply management of items known to be in the supply system of the Federal government. Definitions of the classes appear in the *Cataloging Handbook, Federal Supply Classification, Part 1, "Groups and Classes," H2-1*, which may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

While there are many similarities between the FSC codes used in this publication and the Standard Industrial Classification Codes (SIC) used by the Census Bureau of the Department of Commerce, the exact points of agreement and disagreement have not been ascertained. In many Census Bureau reports, SIC data are based on the primary product of an establishment rather than on the individual products it produces. In addition to code content differences, data from this report and certain Census Bureau reports do not agree as far as the time period covered or the point in time when data are reported. This report provides fiscal year data on contract awards, (regardless of the date on which the product is to be delivered). Census Bureau reports contain calendar year figures measuring annual shipment or production, which may take place several years after contract award. (EG)

## DATA CHARACTERISTICS

The data presented in this report have the following characteristics:

1. Data cover only prime contracts (those awarded directly by the Department of Defense). The large number of subcontracts awarded for basic and intermediate materials and components are not reflected in this report. As an example, most of the steel plating for ships is purchased by defense prime contractors. Only a small portion is purchased directly by DoD (see code 9515). Similarly, a large dollar amount of electronic equipment is purchased by defense contractors who have received prime contracts for missiles and other weapons systems.
2. Detailed information on procurement actions of \$25,000 or less are not included in Tables 1, 2, and 3 of this report. However, in each of the Fiscal Years 1986 through 1989, from \$10 billion to more than \$14 billion (see Exhibit B, page 3) were spent on these small transactions. The exclusion of these procurements (from Tables 1, 2, and 3), therefore, understates the purchase of commercial type items and services and may overemphasize military hard good items, which are normally purchased in large dollar amounts. Due to this exclusion, as an example, Subsistence Purchases (FSC Group 89) may be extremely understated.

3. For security reasons, some contracts have been reported with a classification other than the one describing the item purchased. Therefore, data for a number of the Federal Supply Classifications presented may be incomplete.
4. Data categorizing contract awards by Service Category and Federal Supply Classification include awards to all types of contractors. In this respect, the coverage differs from other reports published by WHS/DIOR which provide this type of information only on awards to business firms in the United States.
5. Dollar amounts and percentages in Exhibit A through Exhibit F are computed in thousands of dollars even though they are shown in millions and may not add up due to rounding.

## **HIGHLIGHTS**

### **Total Procurement**

Exhibit A shows total prime contract awards categorized by the major types of business. As this exhibit shows, since FY 1988: total prime contract awards decreased by \$12,010 million or 7.9 percent; awards to Business Firms decreased by \$10,812 million or 8.3 percent; awards to Educational and Nonprofit Institutions decreased by \$197 million or 5.7 percent; awards to Interagency/Foreign Military Sales (FMS) increased by \$660 million or 7.4 percent; and awards for Work Outside the United States decreased by \$1,768 million or 21.7 percent.

Exhibit B shows a decrease in both the actions over \$25,000 and the actions of \$25,000 or less since FY 1988. Actions over \$25,000 decreased by \$8,091 million or 5.9 percent; and the actions of \$25,000 or less decreased by \$3,918 million or 27.4 percent.

### **Type of Effort**

Exhibit C provides data by the type of effort categories for awards over \$25,000. As shown in this exhibit, FY 1989 contract awards for Supplies and Equipment accounted for 56.2 percent of the total awarded, 25.8 percent for Other Services and Construction, and the remaining 18.0 percent was spent on RDT&E work.

### **Awards for Research, Development, Test, and Evaluation (RDT&E) Category**

Exhibit D shows FY 1989 and 1988 RDT&E comparisons by selected subprograms within the DoD claimant programs. The claimant program which had the largest dollar increase for FY 1989 was Tanks and Automotive; the increase in this category was \$821 million or 413.8 percent. Within the RDT&E category during FY 1989 (see page 10), Research decreased by \$15,285 million or 1.1 percent; Exploratory Development decreased by \$41,674 million or 2.6 percent; Other Development increased by \$28,795 million or 0.2 percent; while Management and Support increased by \$691,718 million or 128.5 percent. In FY 1989 RDT&E was distributed as follows: Research accounted for 6.2 percent; Exploratory Development accounted for 6.8 percent; Other Development accounted for 81.7 percent; and Management and Support accounted for 5.3 percent.

### **Other Service and Construction Category**

Exhibit E shows the nine service groups with the most significant dollar changes from FY 1988 to FY 1989. The group which had the greatest dollar decrease for FY 1989 was Transportation & Travel; the decrease in this group was \$746 million or 38.5 percent.

### **Federal Supply Classification (FSC) Category**

A comparison of the ten FSC groups with the greatest amount of change (see Exhibit F) shows that from FY 1988 to FY 1989, group 19 (Ships, Small Craft, Pontoons and Floating Docks) had the most significant dollar decrease; \$3,308 million or 39.3 percent. Group 58 (Communications Equipment) had the largest increase in FY 1989 over FY 1988; it increased \$2,456 million or 31.5 percent.

## EXHIBIT A

(Dollars in Millions)

Type of Contractor	FISCAL YEAR			
	1989	1988	1987	1986
TOTAL AWARDS \ 1	\$ 139,343	\$ 151,353	\$ 156,508	\$ 158,829
Business Firms for Work in the United States	120,003	130,815	135,340	136,497
Educational and Nonprofit Institutions	3,272	3,469	3,495	3,368
Interagency/FMS	9,579	8,919	8,809	9,884
Work Outside the United States	6,381	8,149	8,863	9,081
	Percent of Total			
TOTAL AWARDS	100.0	100.0	100.0	100.0
Business Firms for Work in the United States	86.1	86.4	86.5	85.9
Educational and Nonprofit Institutions	2.3	2.3	2.2	2.1
Interagency/FMS	6.9	5.9	5.6	6.2
Work Outside the United States	4.6	5.4	5.7	5.7

## EXHIBIT B

(Dollars in Millions)

Type of Action	FISCAL YEAR			
	1989	1988	1987	1986
TOTAL AWARDS	\$ 139,343	\$ 151,353	\$ 156,508	\$ 158,829
Actions Over \$25,000	128,958	137,049	142,482	145,742
Actions of \$25,000 or less	10,385	14,303	14,025	13,087
	Percent of Total			
TOTAL AWARDS	100.0	100.0	100.0	100.0
Actions Over \$25,000	92.5	90.5	91.0	91.8
Actions of \$25,000 or less	7.5	9.5	9.0	8.2

\1 Commencing in FY 1989, the total includes tariff or regulated acquisitions of \$25,000 or less not included elsewhere in this table.

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## EXHIBIT C

(Dollars in Millions)

Type of Effort	FISCAL YEAR			
	1989	1988	1987	1986
TOTAL AWARDS (Over \$25,000)	\$ 128,958	\$ 137,049	\$ 142,482	\$ 145,742
RDT&E	23,206	22,543	21,809	19,812
Other Services and Construction	33,249	35,982	38,058	34,488
Supplies and Equipment	72,503	78,525	82,615	91,442
	Percent of Total			
TOTAL AWARDS (Over \$25,000)	100.0	100.0	100.0	100.0
RDT&E	18.0	16.4	15.3	13.6
Other Services and Construction	25.8	26.3	26.7	23.7
Supplies and Equipment	56.2	57.3	58.0	62.7

## EXHIBIT D

(Dollars in Millions)

RDT&E by Claimant Program	FISCAL YEAR		CHANGE	
	1989	1988	Amount	Percent
RDT&E by Program - Total	\$ 23,206	\$ 22,543	\$ 664	2.9
Aircraft	4,689	5,055	366-	7.2-
Missiles & Space Systems	6,962	7,800	837-	10.7-
Ships	767	524	243	46.5
Tanks & Automotive	1,019	198	821	413.8
Weapons	430	513	82-	16.1-
Ammunition	723	479	244	51.1
Electronics and Communications Equipment	3,744	3,854	110-	2.9-
Services	3,925	3,465	461	13.3
All Other	946	655	291	44.3

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## EXHIBIT E

(Dollars in Millions)

C O D E	Service Categories	FISCAL YEAR		CHANGE	
		1989	1988	Amount	Percent
V	Transportation & Travel	\$ 1,193	\$ 1,939	\$ 746-	38.5-
M	Operation of Government-Owned Facility	2,702	3,036	333-	11.0-
U	Education & Training Services	537	759	222-	29.3-
J	Maintenance, Repair & Rebuilding of Equipment	4,870	5,081	211-	4.2-
W	Lease or Rental of Equipment	327	515	187-	36.4-
L	Technical Representative Services	687	613	75	12.2
N	Installation of Equipment	328	256	72	28.2
Q	Medical Services	300	250	50	20.0
K	Modification of Equipment	1,674	1,639	35	2.1

## EXHIBIT F

(Dollars in Millions)

C O D E	FSC Groups	FISCAL YEAR		CHANGE	
		1989	1988	Amount	Percent
19	Ships, Small Craft, Pontoons & Floating Docks	\$ 5,115	\$ 8,424	\$ 3,308-	39.3-
58	Communication Equipment	10,246	7,790	2,456	31.5
44	Furnace, Steam Plant, Drying Equipment, and Nuclear Reactors	636	1,491	855-	57.3-
23	Gnd Effect Veh, Motor Veh, Trailers & Cycles	1,755	2,566	811-	31.6-
13	Ammunition and Explosives	2,337	2,972	635-	21.4-
99	Miscellaneous	2,405	2,931	526-	17.9-
15	Aircraft & Airframe Structural Components	10,560	11,078	519-	4.7-
10	Weapons	1,016	1,520	504-	33.1-
70	General Purpose ADPE, Software & Supplies	1,975	2,360	385-	16.3-
18	Space Vehicles	1,259	929	330	35.6

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## **TABLE 1**

Net Value of  
Prime Contract Awards Over \$25,000  
for Research, Development, Test, and  
Evaluation, by Procurement Program:  
FY 1989, 1988, 1987, and 1986

# TABLE 1. Research, Development, Test and Evaluation

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1989	1988	1987	1986
<b>AIRFRAMES AND RELATED ASSEMBLIES AND SPARES</b>				
Research	3,960	119,992	396,190	525,037
Exploratory Development	29,376	50,944	30,997	33,622
Other Development	3,446,724	3,751,588	2,315,880	1,622,888
Management and Support	21,770	5,677	4,856	3,737
TOTAL	3,501,830	3,928,201	2,747,923	2,185,284
<b>AIRCRAFT ENGINES AND RELATED SPARES AND SPARE PARTS</b>				
Research	4,100	9,826	32,239	57,805
Exploratory Development	24,923	25,604	26,419	33,103
Other Development	765,144	759,162	513,556	520,563
Management and Support	1,387	3,062	2,022	4,993
TOTAL	795,554	797,654	574,236	616,464
<b>OTHER AIRCRAFT EQUIPMENT AND SUPPLIES</b>				
Research	3,288	8,764	8,177	7,841
Exploratory Development	30,573	48,707	45,234	39,770
Other Development	350,749	266,278	178,019	305,405
Management and Support	7,336	5,510	7,405	5,231
TOTAL	391,946	329,259	238,835	358,247
<b>TOTAL, AIRCRAFT</b>				
Research	11,348	138,582	436,606	590,683
Exploratory Development	84,872	125,255	102,650	106,495
Other Development	4,562,617	4,777,028	3,007,455	2,448,856
Management and Support	30,493	14,249	14,283	13,961
TOTAL	4,689,330	5,055,114	3,560,994	3,159,995
<b>MISSILE AND SPACE SYSTEMS</b>				
Research	259,856	106,416	63,906	21,740
Exploratory Development	330,814	340,228	356,430	325,013
Other Development	6,276,742	7,218,380	7,400,823	6,401,164
Management and Support	94,963	134,815	121,511	124,641
TOTAL	6,962,375	7,799,839	7,942,670	6,872,558
<b>SHIPS</b>				
Research	30	1,527	1,908	1,488
Exploratory Development	13,859	117,280	8,379	6,543
Other Development	753,317	402,774	468,784	611,507
Management and Support	0	2,216	2,846	6,222
TOTAL	767,206	523,797	481,917	625,760
<b>TANK-AUTOMOTIVE</b>				
Research	12,238	7,882	3,789	3,495
Exploratory Development	39,535	14,363	38,584	17,995
Other Development	966,747	176,064	180,660	158,523
Management and Support	400	0	765	96
TOTAL	1,018,920	198,309	222,268	180,109
<b>WEAPONS</b>				
Research	14,772	10,926	6,598	8,242
Exploratory Development	54,113	76,755	60,110	103,714
Other Development	359,524	420,651	497,689	457,780
Management and Support	1,843	4,374	24,072	164,051
TOTAL	430,252	512,706	588,469	733,787

# TABLE 1. Research, Development, Test and Evaluation

(Concluded)

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1989	1988	1987	1986
AMMUNITION				
Research	58,533	58,515	39,192	19,733
Exploratory Development	55,072	41,363	39,475	23,530
Other Development	597,525	375,702	428,114	351,812
Management and Support	11,876	2,991	2,832	2,018
TOTAL	723,006	478,571	509,613	397,093
ELECTRONICS AND COMMUNICATION EQUIPMENT				
Research	182,379	136,824	161,892	121,592
Exploratory Development	288,687	251,221	279,653	325,315
Other Development	3,189,628	3,417,194	4,116,939	3,982,641
Management and Support	82,854	48,573	78,926	85,895
TOTAL	3,743,548	3,853,812	4,637,410	4,515,443
SERVICES				
Research	803,142	899,680	956,548	861,049
Exploratory Development	542,023	574,420	541,523	473,752
Other Development	1,634,570	1,707,757	1,420,590	1,164,359
Management and Support	945,678	283,029	315,561	360,719
TOTAL	3,925,413	3,464,886	3,234,222	2,859,879
ALL OTHER				
Research	86,404	83,635	59,358	35,944
Exploratory Development	172,357	82,121	97,199	112,006
Other Development	625,549	441,874	442,520	293,040
Management and Support	61,720	47,862	32,429	25,919
TOTAL	946,030	655,492	631,506	466,909
TOTAL RDT&E				
Research	1,428,702	1,443,987	1,729,797	1,663,966
Exploratory Development	1,581,332	1,623,006	1,524,003	1,494,363
Other Development	18,966,219	18,937,424	17,963,574	15,869,682
Management and Support	1,229,827	538,109	591,695	783,522
TOTAL	23,206,080	22,542,526	21,809,069	19,811,533

## **TABLE 2**

Net Value of  
Prime Contract Awards Over \$25,000  
for Other Services and Construction,  
by Service Code and Description:  
FY 1989, 1988, 1987, and 1986

# TABLE 2A. Summary of Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
B	Special Studies & Analyses - Not R&D	155,732	0	0	0
C	Architect & Engineering Services	2,028,366	0	0	0
D	Automatic Data Processing & Tele Services	1,064,992	0	0	0
E	Purchase of Structures and Facilities	280	586	91,034	57
F	Natural Resources and Conservation Svcs	273,430	34,422	44,776	37,999
G	Social Services	130,201	135,060	14,152	34,932
H	Quality Control, Testing & Inspection Services	482,747	486,691	451,083	595,954
J	Maintenance, Repair, & Rebuilding of Equipment	4,870,200	5,081,413	5,433,395	4,617,330
K	Modification of Equipment	1,674,077	1,639,415	1,610,223	1,935,709
L	Technical Representative Services	687,095	612,542	787,020	740,951
M	Operation of Government-Owned Facilities	2,702,251	3,035,740	3,437,609	2,976,107
N	Installation of Equipment	327,682	255,692	739,551	342,591
P	Salvage Services	95,284	98,004	101,829	89,197
Q	Medical Services	300,204	250,176	133,806	154,871
R	Professional, Admin & Management Support Svcs	4,921,052	8,333,941	7,890,118	6,862,070
S	Utilities & Housekeeping Services	2,630,245	3,365,606	3,263,857	3,474,784
T	Photographic, Mapping, Printing & Publication	134,398	135,238	161,960	145,723
U	Education & Training Services	536,845	758,884	660,890	664,270
V	Transportation, Travel & Relocation Svcs	1,193,191	1,938,998	1,970,165	1,644,279
W	Lease or Rental of Equipment	327,389	514,619	682,389	870,224
X	Lease or Rental of Facilities	130,476	118,309	101,785	124,724
Y	Construction of Structures & Facilities	5,165,220	5,741,118	6,134,064	5,741,272
Z	Maintenance, Repair or Alteration of Real	3,417,482	3,445,308	4,348,108	3,435,216
TOTAL	Other Services and Construction	33,248,839	35,981,762	38,057,814	34,488,260

# TABLE 2B. Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
B	Special Studies & Analyses - Not R&D				
B502	Air Quality Analyses	833	0	0	0
B503	Archeological/Paleontological Studies	2,553	0	0	0
B504	Chemical/Biological Studies & Analyses	2,530	0	0	0
B505	Cost Benefit Analyses	3,593	0	0	0
B506	Data Analyses (Other than Scientific)	1,783	0	0	0
B507	Economic Studies	168	0	0	0
B509	Endangered Species Studies - Plant & Animal	263	0	0	0
B510	Environmental Studies & Assessments	5,347	0	0	0
B513	Feasibility Studies (Non-construction)	1,126	0	0	0
B516	Animal & Fisheries Studies	243	0	0	0
B517	Geological Studies	36	0	0	0
B519	Geotechnical Studies	110	0	0	0
B521	Historical Studies	583	0	0	0
B522	Legal Studies	131	0	0	0
B524	Mathematical/Statistical Analyses	2,637	0	0	0
B525	Natural Resource Studies	312	0	0	0
B526	Oceanological Studies	604	0	0	0
B529	Scientific Data Studies	1,411	0	0	0
B530	Seismological Studies	2,202	0	0	0
B532	Soils Studies	159	0	0	0
B533	Water Quality Studies	672	0	0	0
B537	Medical & Health Studies	1,080	0	0	0
B538	Intelligence Studies	2,934	0	0	0
B539	Aeronautic/Space Studies	2,117	0	0	0
B540	Building Technology Studies	660	0	0	0
B541	Defense Studies	18,522	0	0	0
B542	Educational Studies & Analyses	1,426	0	0	0
B543	Energy Studies	65	0	0	0
B544	Technology Studies	5,118	0	0	0
B546	Security Studies (Physical & Personal)	815	0	0	0
B547	Accounting/Financial Management Studies	393	0	0	0
B549	Foreign Policy/National Security Policy Studies	322	0	0	0
B550	Organization/Administrative/Personnel Studies	502	0	0	0
B551	Mobilization/Preparedness Studies	454	0	0	0
B552	Manpower Studies	358	0	0	0
B553	Communications Studies	50	0	0	0
B554	Acquisition Policy/Procedures Studies	50	0	0	0
B599	Other Special Studies & Analyses	93,530	0	0	0
TOTAL	Special Studies & Analyses - Not R&D	155,732	0	0	0
C	Architect & Engineering Services				
C111	Administrative & Service Buildings	14,792	0	0	0
C112	Airfield, Communication & Missile Facilities	41,223	0	0	0
C113	Educational Buildings	11,852	0	0	0
C114	Hospital Buildings	8,972	0	0	0
C115	Industrial Buildings	5,626	0	0	0
C116	Residential Buildings	26,872	0	0	0
C117	Warehouse Buildings	3,941	0	0	0
C118	Research & Development Facilities	3,024	0	0	0
C119	Other Buildings	118,085	0	0	0
C11	Building & Facility Structures	234,387	0	0	0
C121	Conservation & Development	1,660	0	0	0
C122	Highways, Roads, Streets, & Bridges	2,607	0	0	0
C123	Electric Power Generation (EPG)	7,345	0	0	0
C124	Utilities	11,366	0	0	0
C129	Other Non-Building Structures	14,334	0	0	0
C130	Restoration	2,838	0	0	0
C12	Non-Building Structures	40,150	0	0	0
C1	Architect & Engineering Services - Construction	274,537	0	0	0
C211	Architect-Engineering Services (Non-construction)	266,923	0	0	0
C212	Engineering Drafting Services	14,981	0	0	0
C213	A&E Inspection Services (Non-construction)	8,360	0	0	0
C214	A&E Management Engineering Services	232,223	0	0	0
C215	A&E Production Engineering Services	125,015	0	0	0
C216	Marine Architect - Engineering Services	744,547	0	0	0
C219	Other Architect & Engineering Services	361,780	0	0	0

Prepared By: Washington Headquarters Services  
Directorate For Information  
Operations and Reports

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
C2	Architect & Engineering Services - General	1,753,829	0	0	0
TOTAL	Architect & Engineering Services	2,028,366	0	0	0
D	Automatic Data Processing & Tele Services				
D301	ADP Facility Operation & Maintenance Services	70,326	0	0	0
D302	ADP Systems Development Services	239,087	0	0	0
D303	ADP Data Entry Services	5,702	0	0	0
D304	ADP Telecommunications & Transmission Services	53,572	0	0	0
D305	ADP Teleprocessing & Timesharing Services	25,060	0	0	0
D306	ADP Systems Analysis Services	20,397	0	0	0
D307	Automated Info System Design & Integration Svcs	77,238	0	0	0
D308	Programming Devices	11,839	0	0	0
D310	ADP Backup & Security Services	578	0	0	0
D311	ADP Data Conversion Services	1,545	0	0	0
D312	ADP Optical Scanning Services	116	0	0	0
D313	Computer Aided Design/Computer Aided Mfg Services	503	0	0	0
D314	ADP System Acquisition Support Services	54,674	0	0	0
D315	Digitizing Services	74	0	0	0
D316	Telecommunication Network Management Services	13,306	0	0	0
D317	Automated News Svcs, Data Svcs, or Other Info Svcs	3,456	0	0	0
D399	Other ADP & Telecommunication Services	487,519	0	0	0
TOTAL	Automatic Data Processing & Tele Services	1,064,992	0	0	0
E	Purchase of Structures and Facilities				
E111	Purchase/Office Buildings	42	0	0	0
E11	Administrative Facilities & Service Buildings	42	0	0	0
E126	Purchase/Missile System Facilities	0	535	0	0
E12	Airfield, Communications, & Missile Facilities	0	535	0	0
E151	Purchase/Ammunition Facilities	170-	0	91,034	0
E15	Industrial Buildings	170-	0	91,034	0
E169	Purchase/Other Residential Buildings	305	0	0	0
E16	Residential Buildings	305	0	0	0
E199	Purchase/Other Miscellaneous Buildings	0	0	0	57
E19	Other Buildings	0	0	0	57
E1	Construction of Structures & Facilities	177	535	91,034	57
E299	Purchase/All Other Non-Building Facilities	103	51	0	0
E29	Other Non-Building Facilities	103	51	0	0
E2	Non-Building Structures	103	51	0	0
TOTAL	Purchase of Structures and Facilities	280	586	91,034	57
F	Natural Resources and Conservation Svcs				
F001	Aerial Fertilization/Spraying	96	179	399	689
F003	Forest/Range Fire Suppression/Presuppression	919	840	715	1,565
F005	Forest Tree Planting	0	130	135	104
F006	Land Treatment Practices (Plowing, Clearing, etc.)	277	505	397	837
F007	Range Seeding (Ground Equipment)	0	158	27	0
F008	Recreation Site Maintenance (Non-Construction)	49	32	62	2,368
F009	Seed Collection/Production	622	717	0	0
F010	Seedling Production/Transplanting	38	0	180	143
F011	Surface Mining Reclamation (Non-Construction)	35	0	0	0
F014	Tree Thinning	0	148	171	68
F015	Well Drilling/Exploratory	178-	1,356	70	390

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
	Natural Resources and Conservation Svcs (CONT)				
F018	Other Range/Forest Improvements (Non-Construction)	170	139	0	0
F019	Other Wildlife Management	490	3,306	4,323	2,589
F021	Site Preparation	40	0	0	0
F099	Other Natural Resources & Conservation Services	192,759	26,912	38,297	29,246
F0	Natural Resources & Conservation Services	195,317	34,422	44,776	37,999
F103	Water Quality Support Services	1,816	0	0	0
F104	Surveys & Technical Support Rel to Water Pollution	28	0	0	0
F106	Toxic Substances Support Services	50	0	0	0
F107	Hazardous Substance Analysis	577	0	0	0
F108	Hazardous Substance Removal/Cleanup/Disposal Svcs	27,018	0	0	0
F109	Leaking Underground Storage Tank Support Services	297	0	0	0
F110	Dev of Environ Impact Statements & Assessments	1,490	0	0	0
F111	Surveys&Technical Support for Multiple Pollutants	241	0	0	0
F112	Oil Spill Cleanup, Removal, Disposal & Support	138	0	0	0
F999	Other Environ Svcs, Studies, & Analytical Support	46,458	0	0	0
F1	Environmental Systems Protection	78,113	0	0	0
TOTAL	Natural Resources and Conservation Svcs	273,430	34,422	44,776	37,999
G	Social Services				
G001	Care of Remains and/or Funeral Services	0	0	107	239
G002	Chaplain Services	295	391	409	296
G003	Recreational Services	903	799	700	623
G004	Rehabilitation Services	382	1,268	814	847
G007	Government Health Insurance Programs	120,508	124,955	0	22,686
G008	Other Government Insurance Programs	0	1,161	39	615
G009	Non-Government Insurance Programs	109	69	139	41
G099	Other Social Services	8,004	6,555	11,944	9,585
TOTAL	Social Services	130,201	135,060	14,152	34,932
H	Quality Control, Testing & Inspection Services				
H110	Quality Control Svcs/Weapons	1,533	368	181	799
H112	Quality Control Svcs/Fire Control Equipment	127	778	13,824	19,067
H113	Quality Control Svcs/Ammo & Explosives	0	0	29	0
H114	Quality Control Svcs/Guided Missiles	242,809	213,343	186,687	273,503
H115	Quality Control Svcs/Aircraft Structural Comps	570	130	0	6,324
H116	Quality Control Svcs/Aircraft Comps & Accys	0	150	0	0
H119	Quality Control Svcs/Ships-Sml Craft-Docks	6,933	5,017	14,652	55,872
H120	Quality Control Svcs/Ship & Marine Equipment	4,057	6,526	2,722	0
H128	Quality Control Svcs/Engines, Turbines & Comps	0	72	0	136
H141	Quality Control Svcs/Refrigeration, Air Cond Equip	0	0	89	0
H144	Quality Control Svcs/Furnace-Steam Plant-Nucl Reac	53	51	49	0
H145	Quality Control Svcs/Plumbing & Heating Equipment	0	149	0	0
H149	Quality Control Svcs/Maintenance & Repair Shop Eq	63	0	0	0
H158	Quality Control Svcs/Communication Equipment	4,455	3,909	13,182	16,813
H159	Quality Control Svcs/Electrical & Elct Equip Comps	9,703	9,510	13,075	8,313
H165	Quality Control Svcs/Medical & Dental Equipment	0	29	0	0
H166	Quality Control Svcs/Instruments & Lab Equipment	2,198	4,747	4,300	2,107
H169	Quality Control Svcs/Training Aids & Devices	0	107	195	754
H170	Quality Control Svcs/ADP Equip & Supplies	4,644	11,397	4,020	2,487
H179	Quality Control Svcs/Cleaning Equipment	0	0	190	200
H191	Quality Control Svcs/Fuels-Lubricants-Oils	133	317	190	190
H195	Quality Control Svcs/Metal Bars & Sheets	0	0	75	0
H199	Quality Control Svcs/Miscellaneous Equipment	4,705	2,861	215	612
H1	Quality Control Services	281,983	259,461	253,675	387,177
H210	Equip & Mats Testing/Weapons	2,621	7,980	5,921	4,175
H212	Equip & Mats Testing/Fire Control Equipment	1,368	8,281	4,454	5,960
H213	Equip & Mats Testing/Ammo & Explosives	44	833	2,057	2,504
H214	Equip & Mats Testing/Guided Missiles	28,879	41,430	22,692	17,565
H215	Equip & Mats Testing/Aircraft Structural Comps	22,735	17,825	7,073	13,656
H216	Equip & Mats Testing/Aircraft Comps & Accys	3,801	6,371	9,182	11,973
H217	Equip & Mats Testing/Aircraft Gnd Handling Equip	56	37	0	647
H218	Equip & Mats Testing/Space Vehicles	111	62	164	35,801
H219	Equip & Mats Testing/Ships-Sml Craft-Docks	2,667	4,041	2,223	3,666

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Quality Control, Testing & Inspection Services (CONT)					
H220	Equip & Mats Testing/Ship & Marine Equipment	996	646	1,820	1,705
H223	Equip & Mats Testing/Vehicles-Trailers-Cycles	108	0	0	0
H225	Equip & Mats Testing/Vehicular Equipment Comps	223	0	0	0
H228	Equip & Mats Testing/Engines, Turbines & Comps	385	189	127	633
H230	Equip & Mats Testing/Mech Power Trans Equipment	0	0	51	0
H232	Equip & Mats Testing/Woodworking Machinery Equip	86	0	0	0
H238	Equip & Mats Testing/Construction Equipment	0	255	0	560
H240	Equip & Mats Testing/Rope, Cable, Chain & Fittings	0	458	67	0
H241	Equip & Mats Testing/Refrigeration, Air Cond Equip	46	0	175	175
H244	Equip & Mats Testing/Furnace-Steam Plant-Nucl Reac	0	0	0	198
H247	Equip & Mats Testing/Pipe-Tubing-Hose-Fittings	0	0	119	0
H256	Equip & Mats Testing/Construction Materials	0	0	0	162
H258	Equip & Mats Testing/Communication Equipment	30,954	42,944	43,800	35,572
H259	Equip & Mats Testing/Electrical & Elct Equip Comps	23,111	12,617	7,156	5,110
H261	Equip & Mats Testing/Power Distribution Equipment	0	0	0	35
H266	Equip & Mats Testing/Instruments & Lab Equipment	0	1,999	391	49
H268	Equip & Mats Testing/Chemical Products	52	0	0	0
H269	Equip & Mats Testing/Training Aids & Devices	165	0	43	0
H270	Equip & Mats Testing/ADP Equip & Supplies	1,891	954	1,362	412
H281	Equip & Mats Testing/Containers-Packaging	0	0	0	69
H284	Equip & Mats Testing/Clothing - Individual	0	242	195	919
H291	Equip & Mats Testing/Fuels-Lubricants-Oils	612	151	1,176	989
H295	Equip & Mats Testing/Metal Bars & Sheets	0	81	0	0
H299	Equip & Mats Testing/Miscellaneous Equipment	1,618	809	6,283	2,368
H2	Equipment & Materials Testing	122,529	148,205	115,531	144,903
H310	Inspection Services/Weapons	1,384	1,370	294	1,191
H312	Inspection Services/Fire Control Equipment	90	123	108	75
H314	Inspection Services/Guided Missiles	191	244	712	675
H315	Inspection Services/Aircraft Structural Comps	627	733	0	0
H316	Inspection Services/Aircraft Comps & Accys	0	150	0	461
H320	Inspection Services/Ship & Marine Equipment	0	0	430	948
H322	Inspection Services/Railway Equipment	45	0	0	0
H328	Inspection Services/Engines, Turbines & Comps	0	94	41	0
H339	Inspection Services/Materials Handling Equipment	0	0	0	0
H343	Inspection Services/Pumps & Compressors	0	0	0	32
H344	Inspection Services/Furnace-Steam Plant-Nucl Reac	459	218	388	241
H352	Inspection Services/Measuring Tools	0	85	0	0
H358	Inspection Services/Communication Equipment	5,017	6,275	4,598	1,790
H359	Inspection Services/Electrical & Elct Equip Comps	0	76	316	1,471
H361	Inspection Services/Power Distribution Equipment	0	170	0	0
H363	Inspection Services/Alarm & Signal Systems	0	52	0	0
H366	Inspection Services/Instruments & Lab Equipment	0	0	163	238
H369	Inspection Services/Training Aids & Devices	202	0	0	0
H370	Inspection Services/ADP Equip & Supplies	0	0	0	27
H391	Inspection Services/Fuels-Lubricants-Oils	0	0	27	0
H399	Inspection Services/Miscellaneous Equipment	1,673	2,057	1,101	1,501
H3	Inspection Services	9,688	11,647	8,178	8,650
H999	Other Quality Cntl, Testing & Inspection Services	58,547	67,378	72,699	55,224
H9	Other Quality Control, Testing & Inspection Svcs	68,547	67,378	72,699	55,224
TOTAL	Quality Control, Testing & Inspection Services	482,747	486,691	451,083	595,954
J Maintenance, Repair, & Rebuilding of Equipment					
J010	Maint & Repair of Eq/Weapons	8,575	12,397	39,304	29,733
J011	Maint & Repair of Eq/Nuclear Ordnance	472	2,386	406	363
J012	Maint & Repair of Eq/Fire Control Equipment	75,528	148,800	67,580	92,177
J013	Maint & Repair of Eq/Ammo & Explosives	9,149	9,829	13,666	11,916
J014	Maint & Repair of Eq/Guided Missiles	120,521	427,096	352,709	156,677
J015	Maint & Repair of Eq/Aircraft Structural Comps	1,067,392	937,764	1,474,304	882,164
J016	Maint & Repair of Eq/Aircraft Comps & Accys	155,508	202,430	198,356	226,618
J017	Maint & Repair of Eq/Aircraft Gnd Handling Equip	24,783	39,334	47,923	47,133
J018	Maint & Repair of Eq/Space Vehicles	28	209	1,908	65
J019	Maint & Repair of Eq/Ships-Sml Craft-Docks	784,550	1,178,504	1,148,039	1,280,773
J020	Maint & Repair of Eq/Ship & Marine Equipment	29,921	26,854	19,852	26,021
J022	Maint & Repair of Eq/Railway Equipment	2,841	2,589	1,809	4,766
J023	Maint & Repair of Eq/Vehicles-Trailers-Cycles	28,256	35,968	36,515	43,652
J024	Maint & Repair of Eq/Tractors	1,923	998	1,216	1,209

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Maintenance, Repair, & Rebuilding of Equipment (CONT)					
J025	Maint & Repair of Eq/Vehicular Equipment Comps	2,104	1,513	1,331	2,282
J026	Maint & Repair of Eq/Tires & Tubes	1,090	696	1,817	579
J028	Maint & Repair of Eq/Engines, Turbines & Comps	195,971	217,514	164,358	202,991
J029	Maint & Repair of Eq/Engine Accessories	5,086	12,271	18,670	26,720
J030	Maint & Repair of Eq/Mech Power Trans Equipment	1,255	291	437	1,002
J031	Maint & Repair of Eq/Bearings	344	490	566	559
J032	Maint & Repair of Eq/Woodworking Machinery Equip	0	274	277	0
J034	Maint & Repair of Eq/Metalworking Machinery	11,610	15,110	28,405	20,767
J035	Maint & Repair of Eq/Service & Trade Equipment	633	790	386	639
J036	Maint & Repair of Eq/Special Industry Machinery	53,211	28,524	34,351	37,296
J037	Maint & Repair of Eq/Agricultural Machinery & Eq	1,035	828	2,705	122
J038	Maint & Repair of Eq/Construction Equipment	1,721	1,824	1,396	330
J039	Maint & Repair of Eq/Materials Handling Equipment	2,958	3,501	1,479	7,398
J040	Maint & Repair of Eq/Rope, Cable, Chain & Fittings	2,408	1,500	0	0
J041	Maint & Repair of Eq/Refrigeration, Air Cond Equip	13,815	11,706	7,866	6,531
J042	Maint & Repair of Eq/Fire, Rescue & Safety Equip	203	1,790	3,692	6,434
J043	Maint & Repair of Eq/Pumps & Compressors	2,993	2,082	2,458	2,821
J044	Maint & Repair of Eq/Furnace-Steam Plant-Nucl Reac	112,987	1,184	665	2,254
J045	Maint & Repair of Eq/Plumbing & Heating Equipment	2,905	3,489	4,622	2,921
J046	Maint & Repair of Eq/Water Purification Equipment	1,583	1,095	43	167
J047	Maint & Repair of Eq/Pipe-Tubing-Hose-Fittings	211	541	147	233
J048	Maint & Repair of Eq/Valves	872	1,498	1,417	644
J049	Maint & Repair of Eq/Maintenance & Repair Shop Eq	20,797	15,213	19,932	17,865
J051	Maint & Repair of Eq/Hand Tools	0	110	0	0
J052	Maint & Repair of Eq/Measuring Tools	36	475	908	1,090
J053	Maint & Repair of Eq/Hardware & Abrasives	0	322	410	499
J054	Maint & Repair of Eq/Prefab Structures	102	136	397	34
J055	Maint & Repair of Eq/Lumber & Millwork	0	0	0	457
J056	Maint & Repair of Eq/Construction Materials	1,376	311	1,448	1,315
J058	Maint & Repair of Eq/Communication Equipment	245,892	271,436	302,565	381,951
J059	Maint & Repair of Eq/Electrical & Elct Equip Comps	135,500	148,836	169,727	149,384
J060	Maint & Repair of Eq/Fiber Optic Mats & Comps	73	0	83	0
J061	Maint & Repair of Eq/Power Distribution Equipment	2,135	1,793	2,514	4,678
J062	Maint & Repair of Eq/Lighting Fixtures & Lamps	1,000	30	298	37
J063	Maint & Repair of Eq/Alarm & Signal Systems	5,129	2,041	7,614	1,452
J065	Maint & Repair of Eq/Medical & Dental Equipment	12,752	11,152	7,513	10,477
J066	Maint & Repair of Eq/Instruments & Lab Equipment	79,320	60,893	91,590	79,148
J067	Maint & Repair of Eq/Photographic Equipment	3,079	3,565	4,421	3,101
J069	Maint & Repair of Eq/Training Aids & Devices	99,884	58,279	39,409	37,108
J070	Maint & Repair of Eq/ADP Equip & Supplies	682,879	578,973	588,442	426,768
J071	Maint & Repair of Eq/Furniture	1,680	2,388	3,236	2,486
J072	Maint & Repair of Eq/Household Furnishings	18,579	22,285	18,304	12,346
J073	Maint & Repair of Eq/Food Prep & Serving Equip	3,459	4,740	2,887	4,735
J074	Maint & Repair of Eq/Office Machines	14,651	17,721	15,168	15,411
J075	Maint & Repair of Eq/Office Supplies & Devices	677	426	600	269
J076	Maint & Repair of Eq/Books-Maps-Pubs	288	943	0	0
J077	Maint & Repair of Eq/Musical Instruments-Radio	40	69	12,272	82
J078	Maint & Repair of Eq/Recreational Equipment	0	139	76	70
J079	Maint & Repair of Eq/Cleaning Equipment	1,403	1,470	1,353	125
J080	Maint & Repair of Eq/Brushes-Paints-Sealers	207	707	386	45
J081	Maint & Repair of Eq/Containers-Packaging	843	1,565	386	16,936
J083	Maint & Repair of Eq/Textiles-Leather-Furs	1,055	1,429	1,029	1,317
J084	Maint & Repair of Eq/Clothing - Individual	349	5,357	2,831	1,626
J088	Maint & Repair of Eq/Live Animals	0	0	0	132
J089	Maint & Repair of Eq/Subsistence	113	0	0	0
J091	Maint & Repair of Eq/Fuels-Lubricants-Oils	88	500	75	6
J093	Maint & Repair of Eq/Nonmetallic Fabricated Mats	236	72	123	538
J094	Maint & Repair of Eq/Nonmetallic Crude Materials	552	835	958	0
J095	Maint & Repair of Eq/Metal Bars & Sheets	58	26	263	0
J096	Maint & Repair of Eq/Dres & Minerals	0	1,111	0	0
J099	Maint & Repair of Eq/Miscellaneous Equipment	528,148	532,396	470,730	320,027
J0	Maintenance, Repair, & Rebuilding of Equipment	4,586,646	5,081,413	5,433,395	4,617,330
J998	Non-nuclear Ship Repair (East)	113,920	0	0	0
J999	Non-nuclear Ship Repair (West)	169,634	0	0	0
TOTAL	Maintenance, Repair, & Rebuilding of Equipment	4,870,200	5,081,413	5,433,395	4,617,330
K Modification of Equipment					
K010	Modification of Eq/Weapons	1,386	1,305	3,486	750-
K011	Modification of Eq/Nuclear Ordnance	0	0	0	896
K012	Modification of Eq/Fire Control Equipment	1,903	3,489	39,002	15,983

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Modification of Equipment (CONT)					
K013	Modification of Eq/Ammo & Explosives	1,992	7,399	0	34-
K014	Modification of Eq/Guided Missiles	144,110	103,060	59,425	464,599
K015	Modification of Eq/Aircraft Structural Comps	862,234	923,543	845,259	709,763
K016	Modification of Eq/Aircraft Comps & Accys	88,631	73,717	81,287	39,562
K017	Modification of Eq/Aircraft Gnd Handling Equip	1,997	4,480-	2,670	319
K018	Modification of Eq/Space Vehicles	0	148	0	0
K019	Modification of Eq/Ships-Sml Craft-Docks	78,347	56,627	85,414	62,936
K020	Modification of Eq/Ship & Marine Equipment	27	145	0	16,544
K022	Modification of Eq/Railway Equipment	64	0	0	0
K023	Modification of Eq/Vehicles-Trailers-Cycles	74	123	50	1,569
K024	Modification of Eq/Tractors	0	50	0	0
K025	Modification of Eq/Vehicular Equipment Comps	0	650	1,128	0
K028	Modification of Eq/Engines, Turbines & Comps	16,339	11,759	13,606	25,616
K029	Modification of Eq/Engine Accessories	0	2,714	8,613	0
K034	Modification of Eq/Metalworking Machinery	0	485	462	394
K038	Modification of Eq/Construction Equipment	473	0	0	0
K039	Modification of Eq/Materials Handling Equipment	2,095	100	0	91
K041	Modification of Eq/Refrigeration, Air Cond Equip	165	194	2,298	0
K042	Modification of Eq/Fire, Rescue & Safety Equip	1,507-	29	0	2,279-
K043	Modification of Eq/Pumps & Compressors	35	741	678	417
K044	Modification of Eq/Furnace-Steam Plant-Nucl Reac	0	0	96	0
K045	Modification of Eq/Plumbing & Heating Equipment	0	0	38	34
K049	Modification of Eq/Maintenance & Repair Shop Eq	282	917	10,322	8,418
K052	Modification of Eq/Measuring Tools	59	0	0	0
K056	Modification of Eq/Construction Materials	0	0	29	678
K058	Modification of Eq/Communication Equipment	176,801	142,678	135,196	127,111
K059	Modification of Eq/Electrical & Elct Equip Comps	72,606	62,201	94,993	39,165
K060	Modification of Eq/Fiber Optic Mats & Comps	66	0	0	0
K061	Modification of Eq/Power Distribution Equipment	764	170	0	0
K063	Modification of Eq/Alarm & Signal Systems	158-	0	0	63
K065	Modification of Eq/Medical & Dental Equipment	0	0	0	84
K066	Modification of Eq/Instruments & Lab Equipment	2,303	6,434	10,830	13,352
K067	Modification of Eq/Photographic Equipment	0	315	0	357
K069	Modification of Eq/Training Aids & Devices	68,559	63,350	38,971	49,323
K070	Modification of Eq/ADP Equip & Supplies	109,479	119,839	74,460	35,604
K072	Modification of Eq/Household Furnishings	0	0	180	0
K081	Modification of Eq/Containers-Packaging	0	487	0	0
K084	Modification of Eq/Clothing - Individual	0	0	0	105
K095	Modification of Eq/Metal Bars & Sheets	0	0	49	47
K099	Modification of Eq/Miscellaneous Equipment	44,951	61,226	101,681	325,742
TOTAL	Modification of Equipment	1,674,077	1,639,415	1,610,223	1,935,709
L Technical Representative Services					
L010	Tech Rep Svcs/Weapons	1,823	2,656	6,009	5,525
L012	Tech Rep Svcs/Fire Control Equipment	4,289	19,434	8,390	2,119
L013	Tech Rep Svcs/Ammo & Explosives	138	195	1,106	1,270
L014	Tech Rep Svcs/Guided Missiles	229,952	137,169	228,362	175,342
L015	Tech Rep Svcs/Aircraft Structural Comps	71,868	59,040	89,393	76,877
L016	Tech Rep Svcs/Aircraft Comps & Accys	58,587	60,406	58,022	78,021
L017	Tech Rep Svcs/Aircraft Gnd Handling Equip	167	1,748	771	1,323
L018	Tech Rep Svcs/Space Vehicles	121,610	105,375	189,858	200,606
L019	Tech Rep Svcs/Ships-Sml Craft-Docks	36,246	56,316	58,513	20,317
L020	Tech Rep Svcs/Ship & Marine Equipment	10,418	10,585	5,781	13,865
L022	Tech Rep Svcs/Railway Equipment	34	0	0	32-
L023	Tech Rep Svcs/Vehicles-Trailers-Cycles	34	0	0	102
L026	Tech Rep Svcs/Tires & Tubes	0	33	0	0
L028	Tech Rep Svcs/Engines, Turbines & Comps	11,257	18,815	16,750	17,995
L029	Tech Rep Svcs/Engine Accessories	334	497	368	903
L030	Tech Rep Svcs/Mech Power Trans Equipment	0	0	35	0
L034	Tech Rep Svcs/Metalworking Machinery	0	0	0	35
L036	Tech Rep Svcs/Special Industry Machinery	0	0	0	31
L041	Tech Rep Svcs/Refrigeration, Air Cond Equip	0	0	46	71
L043	Tech Rep Svcs/Pumps & Compressors	0	0	0	0
L049	Tech Rep Svcs/Maintenance & Repair Shop Eq	0	355-	2,221	2,015
L053	Tech Rep Svcs/Hardware & Abrasives	0	0	0	67
L055	Tech Rep Svcs/Lumber & Millwork	0	0	0	119
L058	Tech Rep Svcs/Communication Equipment	28,943	31,691	36,464	25,522
L059	Tech Rep Svcs/Electrical & Elct Equip Comps	6,830	8,241	15,791	13,273
L060	Tech Rep Svcs/Fiber Optic Mats & Comps	3,937	663	0	0
L061	Tech Rep Svcs/Power Distribution Equipment	0	330	35	0
L063	Tech Rep Svcs/Alarm & Signal Systems	0	2,899	3,186	2,534
L065	Tech Rep Svcs/Medical & Dental Equipment	253	0	0	0

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Technical Representative Services (CONT)					
L066	Tech Rep Svcs/Instruments & Lab Equipment	1,043	1,823	298	3,584
L067	Tech Rep Svcs/Photographic Equipment	47	0	72	0
L069	Tech Rep Svcs/Training Aids & Devices	160	2,700	324	988
L070	Tech Rep Svcs/ADP Equip & Supplies	1,555	2,952	3,700	1,739
L071	Tech Rep Svcs/Furniture	1,390	0	0	0
L076	Tech Rep Svcs/Books-Maps-Pubs	0	0	0	55
L077	Tech Rep Svcs/Musical Instruments-Radio	246	0	0	0
L099	Tech Rep Svcs/Miscellaneous Equipment	96,134	89,329	61,525	96,685
TOTAL	Technical Representative Services	687,095	612,542	787,020	740,951
M Operation of Government-Owned Facilities					
M111	Operation/Office Buildings	938	8,744	6,668	2,814
M119	Operation/Other Administrative & Service Buildings	101,470	444,194	573,616	511,538
M11	Administrative Facilities & Service Buildings	102,408	452,938	580,284	514,352
M121	Operation/Air Traffic Control Towers	3,402	3,168	2,873	2,522
M122	Operation/Air Traffic Control Training Facilities	752	1,480	1,309	973
M123	Operation/Radar & Navigational Facilities	171,680	194,427	214,861	179,272
M124	Operation/Airport Runways	186	113-	3,377	3,072
M125	Operation/Airport Terminals	10,418	32,344	12,945	4,648
M126	Operation/Missile System Facilities	6,870	31,290	31,210	35,439
M127	Operation/Electronic & Communication Facilities	287,066	309,070	287,326	320,133
M129	Operation/Other Airfield Structures	3,170	3,475	18,540	9,459
M12	Airfield, Communications, & Missile Facilities	483,544	575,141	572,441	555,518
M131	Operation/Schools	0	777	0	0
M139	Operation/Other Educational Buildings	257	1,622	1,076	713
M13	Educational Buildings	257	2,399	1,076	713
M141	Operation/Hospitals & Infirmarys	6,619	740	0	0
M14	Hospital Buildings	6,619	740	0	0
M151	Operation/Ammunition Facilities	1,226,723	1,060,087	1,291,936	1,009,709
M152	Operation/Maintenance Buildings	175,627	208,291	206,550	191,904
M153	Operation/Production Buildings	0	47	371	13,117
M155	Operation/Tank-Automotive Facilities	36,290	20,308	24,047	5,411
M159	Operation/Other Industrial Buildings	32,751	35,634	21,955	28,978
M15	Industrial Buildings	1,471,391	1,324,367	1,544,859	1,249,119
M161	Operation/Family Housing Facilities	194	762	1,252	1,500
M162	Operation/Recreational Buildings	0	26	173	30
M163	Operation/Troop Housing Facilities	121	532	366	0
M164	Operation/Dining Facilities	2,888	2,386	2,311	1,626
M169	Operation/Other Residential Buildings	253	65	0	0
M16	Residential Buildings	3,456	3,771	4,102	3,156
M171	Operation/Ammunition Storage Buildings	10,982	7,998	9,648	7,717
M172	Operation/Food or Grain Storage Buildings	337	274	274	135
M173	Operation/Fuel Storage Buildings	30,771	29,874	25,882	35,596
M174	Operation/Open Storage Facilities	1,887	3,149	0	613
M179	Operation/Other Warehouse Buildings	18,918	41,018	34,836	23,978
M17	Warehouse Buildings	62,875	82,313	70,640	68,039
M181	Operation/Govt-Owned Contractor-Operated R&D Fac	221,145	213,583	195,178	241,947
M182	Operation/Govt-Owned Government-Operated R&D Fac	9,323	1,169	1,381	9,175
M18	Research & Development Facilities	230,468	214,752	196,559	251,122
M191	Operation/Museums & Exhibition Buildings	74	130	154	73
M192	Operation/Testing & Measurement Buildings	96,793	88,723	100,284	110,963
M199	Operation/Other Miscellaneous Buildings	144,031	206,339	223,927	164,096
M19	Other Buildings	240,898	295,192	324,385	275,132

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
M1	Construction of Structures & Facilities	2,601,916	2,951,613	3,294,326	2,917,151
M211	Operation/Dams	1,054	2,782	752	927
M219	Operation/Other Conservation & Dev Facilities	3,008	5,168	1,716	1,424
M21	Conservation & Development Facilities	4,062	7,950	2,468	2,351
M222	Operation/Highways, Roads, Streets, & Bridges	0	451	47	0
M22	Highways, Roads, Streets, & Bridges	0	451	47	0
M239	Operation/EPG - Other, Including Transmission	0	130	532	249
M23	Electric Power Generation (EPG) Facilities	0	130	532	249
M241	Operation/Fuel Supply Facilities	799	1,540	1,538	219
M242	Operation/Heating & Cooling Plants	4,291	3,692	2,421	2,059
M244	Operation/Sewage & Waste Facilities	35	235	1,047	354
M245	Operation/Water Supply Facilities	0	93	0	0
M249	Operation/Other Utilities	1,065	460	801	74
M24	Utilities	6,190	6,020	5,807	2,706
M293	Operation/Unimproved Real Property (Land)	709	696	669	0
M294	Operation/Waste Treatment & Storage Facilities	399	0	0	0
M299	Operation/All Other Non-Building Facilities	88,975	68,880	133,760	53,650
M29	Other Non-Building Facilities	90,083	69,576	134,429	53,650
M2	Non-Building Structures	100,335	84,127	143,283	58,956
TOTAL	Operation of Government-Owned Facilities	2,702,251	3,035,740	3,437,609	2,976,107
N	Installation of Equipment				
N010	Installation of Eq/Weapons	3,413	2,994	4,469	12,886
N011	Installation of Eq/Nuclear Ordnance	50	0	0	0
N012	Installation of Eq/Fire Control Equipment	636	159	159	1,619
N013	Installation of Eq/Ammo & Explosives	0	286	25,404	0
N014	Installation of Eq/Guided Missiles	57	11,443	468,169	56,253
N015	Installation of Eq/Aircraft Structural Comps	1,194	0	0	0
N016	Installation of Eq/Aircraft Comps & Accys	27,464	3,924	816	3,164
N017	Installation of Eq/Aircraft Gnd Handling Equip	0	0	300	0
N019	Installation of Eq/Ships-Sml Craft-Docks	46	2,228	0	28,103
N020	Installation of Eq/Ship & Marine Equipment	2,920	2,161	2,814	4,235
N025	Installation of Eq/Vehicular Equipment Comps	0	51	84	0
N028	Installation of Eq/Engines, Turbines & Comps	0	69	39	0
N029	Installation of Eq/Engine Accessories	0	0	29	0
N030	Installation of Eq/Mech Power Trans Equipment	114	0	0	0
N031	Installation of Eq/Bearings	0	0	1,700	0
N034	Installation of Eq/Metalworking Machinery	128	0	0	248
N035	Installation of Eq/Service & Trade Equipment	0	31	29	0
N036	Installation of Eq/Special Industry Machinery	414	149	0	0
N039	Installation of Eq/Materials Handling Equipment	173	0	0	633
N040	Installation of Eq/Rope, Cable, Chain & Fittings	0	198	0	0
N041	Installation of Eq/Refrigeration, Air Cond Equip	340	220	995	113
N042	Installation of Eq/Fire, Rescue & Safety Equip	70	0	0	31
N043	Installation of Eq/Pumps & Compressors	30	43	98	362
N045	Installation of Eq/Plumbing & Heating Equipment	0	0	114	54
N046	Installation of Eq/Water Purification Equipment	0	168	0	0
N048	Installation of Eq/Valves	0	0	0	1,212
N049	Installation of Eq/Maintenance & Repair Shop Eq	1,165	35	9,124	4,934
N054	Installation of Eq/Prefab Structures	35	0	517	323
N058	Installation of Eq/Communication Equipment	91,950	108,915	112,755	90,757
N059	Installation of Eq/Electrical & Elct Equip Comps	13,135	18,971	23,695	12,692
N060	Installation of Eq/Fiber Optic Mats & Comps	502	302	0	0
N061	Installation of Eq/Power Distribution Equipment	263	216	353	103
N062	Installation of Eq/Light Fixtures & Lamps	0	36	0	0
N063	Installation of Eq/Alarm & Signal Systems	3,152	3,729	783	242
N065	Installation of Eq/Medical & Dental Equipment	7,866	88	62	0
N066	Installation of Eq/Instruments & Lab Equipment	43	108	3,784	954
N067	Installation of Eq/Photographic Equipment	0	163	0	297
N069	Installation of Eq/Training Aids & Devices	1,679	213	182	3,995
N070	Installation of Eq/ADP Equip & Supplies	9,758	3,937	6,311	6,927
N071	Installation of Eq/Furniture	744	1,862	1,759	2,652

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Installation of Equipment (CONT)					
N072	Installation of Eq/Household Furnishings	161	60	246	338
N073	Installation of Eq/Food Prep & Serving Equip	137	0	0	0
N074	Installation of Eq/Office Machines	84	31	58	30
N077	Installation of Eq/Musical Instruments-Radio	54	0	0	0
N078	Installation of Eq/Recreational Equipment	50	0	51	0
N093	Installation of Eq/Nonmetallic Fabricated Mats	0	100	0	0
N095	Installation of Eq/Metal Bars & Sheets	5,070	0	0	0
N096	Installation of Eq/Ores & Minerals	1,876	4,481	0	0
N099	Installation of Eq/Miscellaneous Equipment	153,233	88,321	78,052	109,434
TOTAL	Installation of Equipment	327,682	255,692	739,551	342,591
P Salvage Services					
P100	Prep & Disposal of Excess & Surplus Property	39,628	40,093	39,354	29,546
P200	Salvage of Aircraft	0	0	484	325
P300	Salvage of Marine Vessels	48	40	149	302
P400	Demolition of Buildings	3,483	11,657	9,593	5,496
P500	Demolition of Structures or Fac (Other than Bldgs)	5,267	3,999	3,027	2,682
P999	Other Salvage Services	46,858	42,215	49,222	50,846
TOTAL	Salvage Services	95,284	98,004	101,829	89,197
Q Medical Services					
Q101	Dependent Medicare Services	108,603	130,765	70,589	45,072
Q201	General Health Care Services	67,849	29,598	2,012	70,341
Q301	Laboratory Testing Services	22,075	18,640	14,240	14,694
Q401	Nursing Services	22,158	23,952	13,359	3,511
Q403	Evaluation & Screening	72	0	0	0
Q501	Anesthesiology Services	168	155	99	84
Q502	Cardio-Vascular Services	152	0	43	560
Q503	Dentistry Services	9,737	7,960	2,590	126
Q504	Dermatology Services	0	107	98	67
Q505	Gastroenterology Services	60	63	0	0
Q506	Geriatric Services	109	0	587	0
Q507	Gynecology	2,226	2,382	1,279	1,267
Q508	Hematology Services	0	0	199	0
Q509	Internal Medicine Services	1,097	472	207	184
Q510	Neurology Services	36	160	149	60
Q512	Optometry Services	61	109	105	0
Q513	Orthopedic Services	715	318	1,140	636
Q514	Otolaryngology Services	62	0	83	42
Q515	Pathology Services	4,046	2,269	2,662	727
Q516	Pediatric Services	1,034	671	517	117
Q517	Pharmacology Services	1,451	749	633	100
Q518	Physical Medicine & Rehabilitation Services	74	16	329	196
Q519	Psychiatry Services	1,672	349	56	37
Q521	Pulmonary Services	244	0	95	113
Q522	Radiology Services	13,517	11,382	5,308	6,261
Q523	Surgery Services	844	1,577	1,567	756
Q524	Thoracic Services	371	0	279	0
Q525	Urology Services	42	136	125	43
Q526	Medical/Psychiatric Consultation Services	1,202	154	278	424
Q527	Nuclear Medicine	214	0	0	0
Q999	Other Medical Services	40,313	18,192	15,178	9,453
TOTAL	Medical Services	300,204	250,176	133,806	154,871
R Professional, Admin & Management Support Svcs					
R111	A&E Const/Bldgs & Fac/Admin & Svc Bldgs	0	21,586	22,265	28,157
R112	A&E Const/Bldgs & Fac/Airfield, Msl & Comm	0	19,989	31,246	36,536
R113	A&E Const/Bldgs & Fac/Educational Bldgs	0	8,990	11,026	12,977
R114	A&E Const/Bldgs & Fac/Hospital Buildings	0	11,097	25,640	15,083
R115	A&E Const/Bldgs & Fac/Industrial Bldgs	0	22,280	11,103	14,928
R116	A&E Const/Bldgs & Fac/Residential Bldgs	0	22,607	24,127	26,019
R117	A&E Const/Bldgs & Fac/Warehouse Bldgs	0	5,512	5,965	8,542
R118	A&E Const/Bldgs & Fac/R&D Facilities	0	1,270	2,616	4,730
R119	A&E Const/Bldgs & Fac/Other Buildings	0	108,105	122,972	93,555
R11	A&E Construction/Bldg & Fac Structures	0	221,439	256,960	240,527

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Professional, Admin & Management Support Svcs (CONT)					
R121	A&E Const/Nbs/Conservation & Dev	0	3,510	3,701	3,636
R122	A&E Const/Nbs/Hwys, Streets & Bridges	0	3,286	4,426	7,855
R123	A&E Const/Nbs/Electric Power Generation	0	3,953	2,838	4,972
R124	A&E Const/Nbs/Utilities	0	17,157	29,470	27,863
R129	A&E Const/Nbs/Other	0	18,830	34,270	34,863
R12	A&E Const/Non-Bldg Structures (Nbs)	0	46,736	74,705	79,189
R1	Architect & Engineer (A&E) Construction	0	268,175	331,665	319,716
R211	A&E/Architect-Engineer Svcs (Non-Const)	0	292,744	329,492	284,473
R212	A&E/Engineer Drafting Services	0	23,476	14,634	7,154
R213	A&E/A&E Inspection Services (Non-Const)	0	10,469	11,484	7,868
R214	A&E/A&E Management Engineering Services	0	315,556	246,248	146,001
R215	A&E/A&E Production Engineering Services	0	387,718	622,052	473,555
R216	A&E/Marine Architect - Engineering Svcs	0	476,078	560,422	593,482
R219	A&E/Other Architect and Engineering Svcs	0	431,483	437,108	401,991
R2	Architect & Engineer (A&E) Svcs-General	0	1,937,524	2,221,440	1,914,524
R301	ADP Facility Management	0	60,715	44,219	35,148
R302	ADP Systems Development and Programming	0	286,354	318,678	290,181
R303	ADP Entry	0	17,635	10,349	9,383
R304	ADP Transmission	0	333	2,311	1,620
R305	ADP Teleprocessing	0	20,423	40,242	59,014
R306	ADP Systems Analysis	0	20,397	32,823	13,058
R307	ADP Automated Information System Services	0	113,122	83,905	42,359
R399	Other ADP Services	0	673,650	616,189	533,034
R3	Automatic Data Processing (ADP) Services	0	1,192,629	1,148,716	983,797
R404	Land Surveys, Cadastral Services (Non-Const)	9,885	13,278	28,320	12,541
R405	Operations Research Services	10,588	3,302	6,971	3,975
R406	Policy Review/Development Services	1,576	7,054	31,467	21,785
R407	Program Evaluation Services	38,874	31,968	33,620	34,972
R408	Program Management/Support Services	496,085	449,670	381,388	378,030
R409	Program Review/Development Services	47,970	49,405	47,946	40,438
R411	Real Property Appraisal Services (SIC 6531)	109	483	5,545	776
R412	Simulation	19,166	12,261	25,345	23,192
R413	Specifications Development Services	31,285	40,928	55,654	51,702
R414	Systems Engineering Services	1,222,525	1,326,228	1,245,199	1,055,445
R415	Technology Sharing/Utilization Services	34,820	78,081	95,501	175,712
R416	Veterinary/Animal Care Services	372	265	159	0
R418	Legal Services	2,243	1,806	1,684	3,150
R419	Educational Services	27,827	12,012	24,385	23,674
R420	Certifications & Accreditations	1,081	1,757	414	451
R421	Technical Assistance	62,562	35,441	58,266	13,375
R422	Telephone & Field Interview Services	213	80	177	16
R423	Intelligence Services	4,887	560	1,156	4,320
R424	Expert Witness	633	879	695	99
R425	Engineering Technical Services	992,914	638,163	513,651	388,830
R426	Communications Services	69,120	13,017	12,243	6,575
R427	Weather Reporting/Observation Services	2,812	0	0	0
R428	Industrial Hygienics	121	0	0	0
R497	Personal Services	12,471	672	1,001	287
R498	Prof Services/Other Professional Services	0	862,497	167,378	258,518
R499	Other Professional Services	474,592	0	0	1,344
R4	Professional Services	3,564,531	3,579,807	2,738,165	2,499,807
R502	Studies/Air Quality Analyses	0	1,877	1,558	595
R503	Studies/Archeological-Paleontological	0	3,051	7,434	4,380
R504	Studies/Chemical-Biological	0	3,749	5,288	2,614
R505	Studies/Cost Benefit	0	3,272	612	509
R506	Studies/Data - Other Than Scientific	0	8,761	24,607	23,953
R507	Studies/Economic, Labor	0	910	1,261	732
R509	Studies/Endangered Species - Plant/Animal	0	247	279	233
R510	Studies/Environmental Assessments	0	7,827	4,989	3,352
R511	Studies/Environmental Baseline	0	519	582	831
R512	Studies/Environmental Impact	0	1,359	2,764	2,370
R513	Studies/Feasibility - Non-Construction	0	7,667	3,067	2,316
R516	Studies/Fisheries	0	1,420	2,075	2,388
R517	Studies/Geological	0	1,161	559	390
R518	Studies/Geophysical	0	154	596	689

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Professional, Admin & Management Support Svcs (CONT)					
R519	Studies/Geotechnical	0	134	678	1,728
R521	Studies/Historical	0	824	122	1,259
R522	Studies/Legal-Litigation	0	332	707	27
R524	Studies/Mathematical-Statistical	0	1,394	400	170
R525	Studies/Natural Resource	0	214	471	116
R526	Studies/Oceanological	0	25,631	724	180
R529	Studies/Scientific Data	0	4,394	7,810	8,838
R530	Studies/Seismological	0	2,193	965	863
R532	Studies/Soils	0	230	616	515
R533	Studies/Water Quality	0	1,047	990	1,685
R534	Studies/Wildlife	0	140	140	75
R537	Studies/General Health	0	5,156	6,080	4,453
R538	Studies/Intelligence Analysis Support	0	26,969	31,041	27,257
R539	Studies/Aeronautic/Space Studies	0	1,998	884	1,179
R540	Studies/Building Technology	0	17,272	4,948	1,545
R541	Studies/Defense	0	21,199	17,300	11,292
R542	Studies/Educational Studies & Analyses	0	1,166	317	1,208
R543	Studies/Energy	0	0	877	475
R544	Studies/Technology	0	5,290	7,165	9,901
R545	Studies/Housing & Community Development	0	30	239	284
R546	Studies/Security (Physical & Personnel)	0	6,599	188	166
R547	Studies/Accounting/Financial Management	0	6,010	7,806	6,887
R549	Studies/Foreign Policy/National Sec Policy	0	166	380	42
R550	Studies/Organization/Admin/Personnel	0	1,161	1,507	2,873
R551	Studies/Mobilization/Preparedness	0	4,452	2,659	2,526
R552	Studies/Manpower	0	887	375	188
R553	Studies/Communications	0	397	2,248	2,338
R554	Studies/Acquisition Policy/Procedures	0	370	499	363
R599	Other Special Studies and Analyses	0	140,903	176,185	123,819
R5	Special Studies & Analyses	0	318,532	329,992	257,604
R601	Material Management	0	3,630	4,053	2,957
R602	Courier & Messenger Services	2,266	399	56	998
R603	Transcription Services	748	1,077	2,207	681
R604	Mailing & Distribution Services	6,436	7,417	4,389	3,811
R605	Library Services	2,363	4,910	2,946	2,668
R606	Court Reporting Services	118	0	0	0
R607	Word Processing/Typing Services	4,358	5,200	6,929	4,572
R608	Translation & Interpreting Services	515	1,029	1,471	549
R609	Stenographic Services	350	350	420	0
R610	Personal Property Management Services	74	297	0	0
R611	Credit Reporting Services	2,111	615	68	0
R612	Information Retrieval Services	31	0	0	0
R699	Other Administrative Support Services	28,968	18,226	18,654	13,027
R6	Administrative Support Services	48,338	43,150	41,193	29,263
R701	Advertising Services	142,732	95,897	121,727	159,915
R702	Data Collection Services	66,078	60,279	69,452	52,763
R703	Accounting or Financial Services	18,597	13,584	2,862	3,241
R704	Auditing Services	0	1,156	77	8,108
R705	Debt Collection Services	1,153	2,951	581	73
R706	Logistics Support Services	433,696	317,350	352,609	242,828
R707	Contract, Procurement & Acquisition Support Svcs	75,970	59,466	97,643	22,430
R708	Public Relations Services	171	310	400	3,462
R709	Ongoing Audit Operations Support Services	821	302	30	0
R710	Relocation Services	0	1,307	1,882	0
R799	Other Management Support Services	568,985	443,834	431,684	384,539
R7	Management Support Services	1,308,183	994,124	1,078,947	857,359
TOTAL	Professional, Admin & Management Support Svcs	4,921,052	8,333,941	7,890,118	6,862,070
S Utilities & Housekeeping Services					
S111	Gas Services	199,004	233,036	247,801	252,063
S112	Electric Services	697,430	957,271	874,312	851,356
S113	Telephone and/or Communications Services	242,138	478,415	625,432	1,044,698
S114	Water Services	35,810	92,998	71,762	54,759
S119	Other Utilities	105,466	128,867	96,223	82,823
S1	Utilities	1,279,848	1,890,587	1,915,530	2,285,699

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Utilities & Housekeeping Services (CONT)					
S201	Custodial - Janitorial Services	312,931	307,853	294,231	261,277
S202	Fire Protection Services	5,474	14,023	6,780	6,813
S203	Food Services	298,670	317,133	319,771	283,358
S204	Fueling & Other Petroleum Svcs-Excluding Storage	14,753	12,063	11,020	5,722
S205	Trash/Garbage Collection Services	78,350	94,017	68,818	63,003
S206	Guard Services	104,017	87,887	83,120	88,229
S207	Insect & Rodent Control Services	1,218	2,629	2,120	1,143
S208	Landscaping/Groundskeeping Services	71,614	81,963	75,154	63,809
S209	Laundry & Dry Cleaning Services	29,757	38,256	31,881	27,714
S211	Surveillance Services	1,485	1,790	970	4,072
S212	Solid Fuel Handling Services	1,002	2,562	3,119	3,106
S213	Messenger Services	0	871	389	371
S214	Carpet Laying & Cleaning Services	922	1,041	2,430	2,140
S215	Warehousing & Storage Services	31,578	14,515	28,250	21,971
S216	Facilities Operations Support Services	189,355	263,549	249,299	197,445
S217	Interior Plantscaping Services	177	0	0	0
S218	Snow Removal/Salt Services	329	1,765	157	0
S219	Asbestos Removal	0	2,141	648	0
S220	Travel Agent Services	0	27,176	0	0
S221	Hazardous Waste Removal	0	6,943	4,032	0
S222	Waste Treatment & Storage Services	3,569	0	0	0
S299	Other Housekeeping Services	205,196	196,842	166,138	158,912
S2	Housekeeping Services	1,350,397	1,475,019	1,348,327	1,189,085
TOTAL	Utilities & Housekeeping Services	2,630,245	3,365,606	3,263,857	3,474,784
T Photographic, Mapping, Printing & Publication					
T001	Arts/Graphics Services	18,928	19,435	19,824	10,383
T002	Cartography Services	2,787	5,181	1,890	2,348
T003	Cataloging Services	33	405	0	120
T004	Charting Services	1,204	384	947	60
T005	Film Processing Services	2,565	2,308	2,761	9,195
T006	Film/Video Tape Production Services	6,540	5,665	12,863	7,376
T007	Microform Services	1,826	1,479	2,407	3,257
T008	Photogrammetry Services	1,177	1,130	3,643	907
T009	Aerial Photographic Services	8,714	1,175	1,017	1,223
T010	General Photographic Services - Still	16,587	15,262	15,228	17,289
T011	Print/Binding Services	562	787	1,711	1,456
T012	Reproduction Services	2,513	5,057	4,742	3,899
T013	Technical Writing Services	43,541	48,935	64,603	57,029
T014	Topography Services	75	257	506	2,030
T015	General Photographic Services - Motion	1,122	4,627	1,508	498
T016	Audio/Visual Services	12,632	12,892	12,376	6,153
T099	Other Photographic Mapping, Printing, & Pub Svcs	13,592	10,259	15,934	22,500
TOTAL	Photographic, Mapping, Printing & Publication	134,398	135,238	161,960	145,723
U Education & Training Services					
U001	Lectures for Training	1,833	1,470	2,815	4,044
U002	Personnel Testing	2,204	1,817	2,372	619
U003	Reserve Training (Military)	127	3,124	580	598
U004	Scientific & Management Education	18,514	6,035	12,926	9,060
U005	Tuition, Registration & Membership Fees	88,825	129,299	121,691	127,100
U006	Vocational/Technical	113,896	155,261	153,151	189,855
U007	Faculty Salaries for Dependent Schools	11,954	12,364	18,216	11,710
U008	Training/Curriculum Development	6,085	0	0	0
U009	Education Services	286,005	449,514	349,139	321,284
U010	Certifications & Accreditations	183	0	0	0
U011	AIDS Training	120	0	0	0
U099	Other Education & Training Services	7,499	0	0	0
TOTAL	Education & Training Services	536,845	758,884	660,890	664,270
V Transportation, Travel & Relocation Svcs					
V001	GBL and GTR Procurements	0	270	58	0
V002	Motor Pool Operations	26,756	22,932	21,243	21,098
V003	Packing/Crating Services	5,754	6,065	1,723	1,589

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Transportation, Travel & Relocation Svcs (CONT)					
V111	Air Freight	3,963	3,524	109,186	4,881
V112	Motor Freight	11,344	9,435	3,539	2,354
V113	Rail Freight	0	103	34	0
V114	Stevedoring	51,061	69,162	56,355	71,814
V115	Vessel Freight	475,894	417,164	334,373	394,128
V119	Other Cargo & Freight Services	52,371	73,196	50,093	50,667
V11	Cargo & Freight Svcs for Transportation of Things	594,633	572,854	553,580	523,844
V121	Air Charter for Things	177,678	297,883	212,303	265,985
V122	Motor Charter for Things	720	560	1,237	623
V124	Marine Charter For Things	169,246	600,691	737,062	431,886
V125	Vessel Towing Services	1,971	17,859	8,623	6,366
V129	Other Vehicle Charter for Transportation of Things	6,310	8,542	3,162	5,253
V12	Vehicle Charter for Transportation of Things	355,925	925,535	962,387	710,113
V1	Transportation of Things	950,558	1,498,389	1,515,967	1,233,957
V211	Air Passenger Service	31,540	100,526	223,788	131,277
V212	Motor Passenger Service	15,136	24,453	34,287	17,830
V214	Marine Passenger Service	0	286	309	532
V21	Passenger Service	46,676	125,265	258,384	149,639
V221	Passenger Air Charter Service	105,600	237,331	124,025	197,875
V222	Passenger Motor Charter Service	19,851	20,883	16,320	10,241
V224	Passenger Marine Charter Service	519	174	70	636
V225	Ambulance Service	1,124	1,458	733	111
V226	Taxicab Services	175	115	83	68-
V22	Vehicle Charter For Passengers (With Operators)	127,269	259,961	141,231	208,795
V2	Travel of Persons	173,945	385,226	399,615	358,434
V231	Lodging - Hotel/Motel	7,273	15,241	17,180	17,768
V241	Military Personnel Recruitment	12,127	9,274	10,734	9,382
V301	Relocation Services	5,754	0	0	0
V302	Travel Agent Services	6,500	0	0	0
V999	Other Transportation Travel & Relocation Services	4,564	1,871	3,645	2,051
V3	Other Transportation Travel & Relocation Services	16,818	1,871	3,645	2,051
TOTAL	Transportation, Travel & Relocation Svcs	1,193,191	1,938,998	1,970,165	1,644,279
U Lease or Rental of Equipment					
U010	Lease or Rental of Eq/Weapons	38	2,105	684	2,160
U012	Lease or Rental of Eq/Fire Control Equipment	332	70	181	72
U013	Lease or Rental of Eq/Ammo & Explosives	73	0	0	0
U015	Lease or Rental of Eq/Aircraft Structural Comps	895	2,100	35,284	84,872
U016	Lease or Rental of Eq/Aircraft Comps & Accys	25	26	0	1,215
U017	Lease or Rental of Eq/Aircraft Gnd Handling Equip	369	2,320	630	431
U019	Lease or Rental of Eq/Ships-Sml Craft-Docks	4,656	7,903	4,603	5,483
U020	Lease or Rental of Eq/Ship & Marine Equipment	799	906	2,175	1,106
U022	Lease or Rental of Eq/Railway Equipment	39	107	147	256
U023	Lease or Rental of Eq/Vehicles-Trailers-Cycles	16,812	14,247	12,078	11,843
U024	Lease or Rental of Eq/Tractors	550	417	839	469
U025	Lease or Rental of Eq/Vehicular Equipment Comps	846	372	678	357
U028	Lease or Rental of Eq/Engines, Turbines & Comps	90	0	103	344
U029	Lease or Rental of Eq/Engine Accessories	0	60	60	61
U030	Lease or Rental of Eq/Mech Power Trans Equipment	49	27	168	224
U032	Lease or Rental of Eq/Woodworking Machinery Equip	36	0	0	785
U034	Lease or Rental of Eq/Metalworking Machinery	55	237	41	376
U035	Lease or Rental of Eq/Service & Trade Equipment	1,721	1,330	1,227	1,303
U036	Lease or Rental of Eq/Special Industry Machinery	14,313	16,215	20,116	20,949
U037	Lease or Rental of Eq/Agricultural Machinery & Eq	264	0	100	40
U038	Lease or Rental of Eq/Construction Equipment	7,940	13,453	29,092	12,965
U039	Lease or Rental of Eq/Materials Handling Equipment	2,714	3,677	3,018	5,363
U041	Lease or Rental of Eq/Refrigeration, Air Cond Eq	421	4,478	841	711
U042	Lease or Rental of Eq/Fire, Rescue & Safety Equip	28	102	30	64

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Lease or Rental of Equipment (CONT)					
W043	Lease or Rental of Eq/Pumps & Compressors	764	1,011	1,214	738
W044	Lease or Rental of Eq/Furnace-Steam Plant-Reac	863	967	251	2,224
W045	Lease or Rental of Eq/Plumbing & Heating Equipment	608	968	808	1,146
W046	Lease or Rental of Eq/Water Purification Equipment	2,404	1,626	1,027	1,170
W049	Lease or Rental of Eq/Maintenance & Repair Shop Eq	649	3,502	2,049	411
W052	Lease or Rental of Eq/Measuring Tools	0	52	47	236
W053	Lease or Rental of Eq/Hardware & Abrasives	67	0	198	0
W054	Lease or Rental of Eq/Prefab Structures	5,892	3,648	1,579	2,118
W055	Lease or Rental of Eq/Lumber & Millwork	0	0	147	90
W056	Lease or Rental of Eq/Construction Materials	72	32	28	0
W058	Lease or Rental of Eq/Communication Equipment	122,379	160,493	79,631	110,193
W059	Lease or Rental of Eq/Electrical & Elct Eq Comps	1,350	767	9,028	1,147
W061	Lease or Rental of Eq/Power Distribution Equipment	177	518	572	441
W062	Lease or Rental of Eq/Lighting Fixtures & Lamps	0	280	143	51
W063	Lease or Rental of Eq/Alarm & Signal Systems	2,218	2,962	2,354	3,113
W065	Lease or Rental of Eq/Medical & Dental Equipment	1,581	464	746	1,421
W066	Lease or Rental of Eq/Instruments & Lab Equipment	1,339	1,464	1,246	2,215
W067	Lease or Rental of Eq/Photographic Equipment	798	828	1,084	1,274
W068	Lease or Rental of Eq/Chemical Products	176	108	0	60
W069	Lease or Rental of Eq/Training Aids & Devices	230	86	174	68
W070	Lease or Rental of Eq/ADP Equip & Supplies	93,052	208,810	395,262	518,836
W071	Lease or Rental of Eq/Furniture	97	221	164	174
W072	Lease or Rental of Eq/Household Furnishings	1,573	1,675	1,598	1,728
W073	Lease or Rental of Eq/Food Prep & Serving Equip	137-	151	95	72
W074	Lease or Rental of Eq/Office Machines	20,400	16,873	29,792	44,127
W075	Lease or Rental of Eq/Office Supplies & Devices	182	124	151	626
W076	Lease or Rental of Eq/Books-Maps-Pubs	28	110	155	237
W078	Lease or Rental of Eq/Recreational Equipment	36	0	0	92
W079	Lease or Rental of Eq/Cleaning Equipment	133	173	1,509	648
W081	Lease or Rental of Eq/Containers-Packaging	561	2,127	1,093	242
W083	Lease or Rental of Eq/Textiles-Leather-Furs	198	373	363	104
W084	Lease or Rental of Eq/Clothing - Individual	33	68	81	436
W089	Lease or Rental of Eq/Subsistence	4,245	15,513	14,071	15,399
W095	Lease or Rental of Eq/Metal Bars & Sheets	0	0	0	225
W099	Lease or Rental of Eq/Miscellaneous Equipment	12,356	18,473	23,634	7,713
TOTAL	Lease or Rental of Equipment	327,389	514,619	682,389	870,224
X Lease or Rental of Facilities					
X111	Lease/Office Buildings	2,495	1,236	3,844	2,190
X112	Lease/Conference Space & Facilities	79	0	0	0
X119	Lease/Other Administrative & Service Buildings	1,021	1,260	1,764	1,008
X11	Administrative Facilities & Service Buildings	3,595	2,496	5,608	3,198
X126	Lease/Missile System Facilities	0	95	0	0
X127	Lease/Electronic & Communication Facilities	0	0	0	101
X129	Lease/Other Airfield Structures	0	0	138	140
X12	Airfield, Communications, & Missile Facilities	0	95	138	241
X131	Lease/Schools	556	642	1,568	635
X139	Lease/Other Educational Buildings	105	0	593	112
X13	Educational Buildings	661	642	2,161	747
X141	Lease/Hospitals & Infirmeries	0	0	2,937	25
X149	Lease/Other Hospital Buildings	0	0	0	121
X14	Hospital Buildings	0	0	2,937	146
X151	Lease/Ammunition Facilities	0	68	114	85
X152	Lease/Maintenance Buildings	69	0	0	0
X159	Lease/Other Industrial Buildings	0	1,578	1,913	1,676
X15	Industrial Buildings	69	1,646	2,027	1,761
X161	Lease/Family Housing Facilities	277	477	408	276
X162	Lease/Recreational Buildings	53	0	136	0
X163	Lease/Troop Housing Facilities	1,387	1,513	1,420	2,553
X165	Lease/Religious Facilities	0	36	55	0
X169	Lease/Other Residential Buildings	5,796	1,563	1,303	856

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
X16	Residential Buildings	7,513	3,589	3,322	3,685
X172	Lease/Food or Grain Storage Buildings	164	0	471	0
X173	Lease/Fuel Storage Buildings	82,423	84,289	71,996	100,516
X174	Lease/Open Storage Facilities	201	14,435	488	738
X179	Lease/Other Warehouse Buildings	64	228	141	57
X17	Warehouse Buildings	82,852	98,952	73,096	101,311
X191	Lease/Museums & Exhibition Buildings	0	372	353	327
X192	Lease/Testing & Measurement Buildings	0	107	0	208
X199	Lease/Other Miscellaneous Buildings	1,123	1,368	2,605	1,288
X19	Other Buildings	1,123	1,847	2,958	1,823
X1	Construction of Structures & Facilities	95,813	109,267	92,247	112,912
X214	Lease/Mine Subsidence Control Facilities	727	0	0	0
X21	Conservation & Development Facilities	727	0	0	0
X241	Lease/Fuel Supply Facilities	0	275	145	0
X244	Lease/Sewage & Waste Facilities	0	0	0	29
X249	Lease/Other Utilities	33	0	35	0
X24	Utilities	33	275	180	29
X291	Lease/Recreation Facilities (Non-Building)	0	0	60	39
X299	Lease/All Other Non-Building Facilities	33,903	8,767	9,298	11,744
X29	Other Non-Building Facilities	33,903	8,767	9,358	11,783
X2	Non-Building Structures	34,663	9,042	9,538	11,812
TOTAL	Lease or Rental of Facilities	130,476	118,309	101,785	124,724
Y	Construction of Structures & Facilities				
Y111	Office Buildings	59,714	50,257	58,060	55,483
Y112	Conference Space & Facilities	912	0	0	0
Y119	Other Administrative & Service Buildings	242,398	315,217	315,970	358,572
Y11	Administrative Facilities & Service Buildings	303,024	365,474	374,030	414,055
Y121	Air Traffic Control Towers	32,359	1,985	11,407	6,783
Y122	Air Traffic Control Training Facilities	2,210	335	8,344	8,915
Y123	Radar & Navigational Facilities	32,025	150,327	263,089	4,207
Y124	Airport Runways	47,610	42,337	62,686	17,925
Y125	Airport Terminals	176	2,791	4,738	9,384
Y126	Missile System Facilities	71,211	75,228	51,769	75,710
Y127	Electronic & Communication Facilities	256,620	186,821	117,735	87,995
Y129	Other Airfield Structures	241,528	332,843	357,482	323,691
Y12	Airfield, Communications, & Missile Facilities	683,739	792,667	877,250	534,610
Y131	Schools	90,644	65,601	100,352	79,937
Y139	Other Educational Buildings	130,368	112,664	161,539	110,155
Y13	Educational Buildings	221,012	178,265	261,891	190,092
Y141	Hospitals & Infirmarys	64,753	62,065	181,114	118,144
Y142	Laboratories & Clinics	26,386	27,885	68,204	96,377
Y149	Other Hospital Buildings	37,887	25,175	15,243	42,218
Y14	Hospital Buildings	129,026	115,125	264,561	256,739
Y151	Ammunition Facilities	38,022	54,974	65,732	42,361
Y152	Maintenance Buildings	186,385	157,304	230,655	302,560
Y153	Production Buildings	30,931	60,412	16,423	18,008
Y154	Ship Construction & Repair Facilities	21,901	3,900	26,071	26,732
Y155	Tank-Automotive Facilities	9,209	13,304	11,570	21,414
Y159	Other Industrial Buildings	138,879	151,419	146,653	390,587
Y15	Industrial Buildings	425,327	441,313	497,104	801,642

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
	Construction of Structures & Facilities (CONT)				
Y161	Family Housing Facilities	366,573	289,455	298,735	284,515
Y162	Recreational Buildings	31,271	41,716	62,368	36,446
Y163	Troop Housing Facilities	161,196	250,295	364,443	402,981
Y164	Dining Facilities	15,283	46,364	36,354	37,410
Y165	Religious Facilities	4,972	11,387	3,358	4,806
Y166	Penal Facilities	0	1,339	764	0
Y169	Other Residential Buildings	152,944	130,235	296,120	86,999
Y16	Residential Buildings	732,239	770,791	1,062,142	853,157
Y171	Ammunition Storage Buildings	68,357	8,023	16,473	24,657
Y172	Food or Grain Storage Buildings	24,735	7,109	1,579	14,235
Y173	Fuel Storage Buildings	15,786	22,109	18,810	55,430
Y174	Open Storage Facilities	10,006	2,858	4,395	8,442
Y179	Other Warehouse Buildings	135,405	141,022	185,403	159,636
Y17	Warehouse Buildings	254,289	181,121	226,660	262,400
Y181	Government-Owned Contractor-Operated R&D Fac	2,090	4,640	7,952	21,362
Y182	Government-Owned Government-Operated R&D Fac	25,636	9,605	32,680	8,730
Y18	Research & Development Facilities	27,726	14,245	40,632	30,092
Y191	Museums & Exhibition Buildings	451	1,719	1,464	18,406
Y192	Testing & Measurement Buildings	32,546	25,010	17,831	46,120
Y199	Other Miscellaneous Buildings	1,018,253	914,000	740,015	783,613
Y19	Other Buildings	1,051,250	940,729	759,310	848,139
Y1	Construction of Structures & Facilities	3,827,632	3,799,730	4,363,580	4,190,926
Y211	Dams	91,954	277,384	154,703	188,256
Y212	Canals	11,670	3,033	29,059	9,941
Y213	Mine Fire Control Facilities	299	212	51	354
Y214	Mine Subsidence Control Facilities	32	0	0	0
Y215	Surface Mine Reclamation Facilities	264	0	1,223	629
Y216	Dredging	234,503	324,447	315,972	241,439
Y219	Other Conservation & Development Facilities	321,514	282,081	302,980	207,577
Y21	Conservation & Development Facilities	660,236	887,157	803,988	648,196
Y221	Airport Service Roads	11,279	5,162	26,160	10,521
Y222	Highways, Roads, Streets, & Bridges	56,614	76,551	153,130	97,785
Y223	Tunnels & Subsurface Structures	5,180	3,245	2,148	602
Y224	Parking Facilities Construction	23,226	9,801	25,463	18,030
Y22	Highways, Roads, Streets, & Bridges	96,299	94,759	206,901	126,938
Y231	EPG - Coal	42	100	1,621	3,045
Y232	EPG - Gas	403	414	940	633
Y233	EPG - Geothermal	0	60	0	410
Y234	EPG - Hydro	85	192	1,130	1,443
Y236	EPG - Petroleum	1,116	478	3,608	450
Y239	EPG - Other, Including Transmission	21,984	15,340	10,766	57,803
Y23	Electric Power Generation (EPG) Facilities	23,630	16,584	18,065	63,784
Y241	Fuel Supply Facilities	22,851	47,754	10,456	39,535
Y242	Heating & Cooling Plants	46,792	12,631	28,137	14,653
Y243	Pollution Abatement & Control Facilities	2,013	23,371	2,559	3,542
Y244	Sewage & Waste Facilities	18,273	29,062	25,309	17,515
Y245	Water Supply Facilities	48,967	44,723	23,998	57,533
Y249	Other Utilities	64,011	57,881	122,979	112,437
Y24	Utilities	202,907	215,422	213,438	245,215
Y291	Recreation Facilities (Non-Building)	23,147	31,287	32,455	19,716
Y292	Exhibit Design (Non-Building)	559	0	74	342
Y293	Unimproved Real Property (Land)	4,419	3,153	3,319	2,015
Y294	Waste Treatment & Storage Facilities	826	0	0	0
Y299	All Other Non-Building Facilities	325,565	693,026	492,244	444,140
Y29	Other Non-Building Facilities	354,516	727,466	528,092	466,213

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1985	1986	1987	1988
Y2	Non-Building Structures	1,337,588	1,941,388	1,770,484	1,550,346
TOTAL	Construction of Structures & Facilities	5,165,220	5,741,118	6,134,064	5,741,272
Z	Maintenance, Repair or Alteration of Real				
Z111	Maint/Office Buildings	145,751	153,835	143,707	113,975
Z112	Maint/Conference Space & Facilities	1,750	0	0	0
Z119	Maint/Other Administrative & Service Buildings	338,492	194,152	292,918	216,518
Z11	Administrative Facilities & Service Buildings	485,993	347,987	436,625	330,493
Z121	Maint/Air Traffic Control Towers	4,517	1,274	2,151	2,978
Z122	Maint/Air Traffic Control Training Facilities	1,337	254	3,663	703
Z123	Maint/Radar & Navigational Facilities	2,236	5,607	10,674	4,447
Z124	Maint/Airport Runways	65,628	78,428	137,433	96,203
Z125	Maint/Airport Terminals	11,204	3,756	7,363	3,269
Z126	Maint/Missile System Facilities	17,279	7,633	8,699	9,056
Z127	Maint/Electronic & Communication Facilities	61,478	24,461	25,234	22,520
Z129	Maint/Other Airfield Structures	93,422	90,218	130,111	91,655
Z12	Airfield, Communications, & Missile Facilities	257,101	211,631	325,328	230,831
Z131	Maint/Schools	21,850	20,672	42,630	23,190
Z139	Maint/Other Educational Buildings	13,345	30,628	25,888	20,338
Z13	Educational Buildings	35,195	51,300	68,518	43,528
Z141	Maint/Hospitals & Infirmarys	44,605	27,695	34,309	27,217
Z142	Maint/Laboratories & Clinics	8,925	15,993	12,007	13,187
Z149	Maint/Other Hospital Buildings	28,055	14,269	21,340	22,150
Z14	Hospital Buildings	81,585	57,957	67,656	62,554
Z151	Maint/Ammunition Facilities	9,358	12,503	8,179	8,235
Z152	Maint/Maintenance Buildings	66,199	78,493	52,303	56,149
Z153	Maint/Production Buildings	23,839	22,044	39,018	31,477
Z154	Maint/Ship Construction & Repair Facilities	4,011	7,156	5,442	14,899
Z155	Maint/Tank-Automotive Facilities	8,021	1,784	1,379	10,323
Z159	Maint/Other Industrial Buildings	82,955	132,046	209,282	113,855
Z15	Industrial Buildings	194,383	254,026	315,603	234,938
Z161	Maint/Family Housing Facilities	454,022	469,862	472,229	488,091
Z162	Maint/Recreational Buildings	28,645	57,416	57,928	40,795
Z163	Maint/Troop Housing Facilities	120,896	129,682	216,562	230,323
Z164	Maint/Dining Facilities	49,775	36,392	43,946	49,092
Z165	Maint/Religious Facilities	3,695	4,012	4,958	5,148
Z166	Maint/Penal Facilities	604	467	249	0
Z169	Maint/Other Residential Buildings	52,586	19,451	39,609	35,444
Z16	Residential Buildings	710,203	717,282	835,481	848,893
Z171	Maint/Ammunition Storage Buildings	4,341	3,117	7,937	4,720
Z172	Maint/Food or Grain Storage Buildings	2,514	4,350	12,149	5,117
Z173	Maint/Fuel Storage Buildings	8,272	11,120	9,333	8,369
Z174	Maint/Open Storage Facilities	5,891	2,221	2,675	9,021
Z179	Maint/Other Warehouse Buildings	47,585	46,564	49,706	45,041
Z17	Warehouse Buildings	68,583	67,372	81,800	72,268
Z181	Maint/Government-Owned Contractor-Operated R&D Fac	1,007	2,463	7,185	9,637
Z182	Maint/Government-Owned Government-Operated R&D Fac	23,310	14,440	18,664	23,155
Z18	Research & Development Facilities	24,317	16,903	25,849	32,792
Z191	Maint/Museums & Exhibition Buildings	1,392	644	2,492	1,247
Z192	Maint/Testing & Measurement Buildings	16,210	9,271	4,973	4,281
Z199	Maint/Other Miscellaneous Buildings	492,869	511,611	785,457	443,142
Z19	Other Buildings	510,471	521,526	792,922	448,670
Z1	Construction of Structures & Facilities	2,367,831	2,245,984	2,949,782	2,304,967
Z211	Maint/Dams	47,810	51,512	36,098	34,795

# TABLE 2B. Other Services and Construction

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
	Maintenance, Repair or Alteration of Real (CONT)				
Z212	Maint/Canals	770	1,643	2,807	6,787
Z213	Maint/Mine Fire Control Facilities	177	199	349	0
Z214	Maint/Mine Subsidence Control Facilities	0	0	0	68
Z215	Maint/Surface Mine Reclamation Facilities	266	0	0	203
Z216	Maint/Dredging	43,377	30,993	37,868	28,917
Z219	Maint/Other Conservation & Development Facilities	62,930	63,874	119,270	76,855
Z21	Conservation & Development Facilities	155,330	148,221	196,392	147,625
Z221	Maint/Airport Service Roads	24,102	9,615	23,795	16,902
Z222	Maint/Highways, Roads, Streets, & Bridges	105,645	124,713	176,295	136,117
Z223	Maint/Tunnels & Subsurface Structures	5,381	5,388	14,043	5,513
Z224	Maint/Parking Facilities Construction	19,227	27,831	40,814	27,913
Z22	Highways, Roads, Streets, & Bridges	154,355	167,547	254,947	186,445
Z231	Maint/EPG - Coal	324	2,668	526	861
Z232	Maint/EPG - Gas	1,579	2,045	246	744
Z233	Maint/EPG - Geothermal	0	439	0	480
Z234	Maint/EPG - Hydro	2,080	1,210	1,509	628
Z235	Maint/EPG - Nuclear	0	520	0	192
Z236	Maint/EPG - Petroleum	1,570	1,125	768	1,219
Z237	Maint/EPG - Solar	513	0	0	0
Z239	Maint/EPG - Other, Including Transmission	21,937	17,252	14,109	17,423
Z23	Electric Power Generation (EPG) Facilities	28,003	25,259	17,159	21,547
Z241	Maint/Fuel Supply Facilities	22,024	33,811	28,168	17,458
Z242	Maint/Heating & Cooling Plants	51,367	59,197	129,367	70,412
Z243	Maint/Pollution Abatement & Control Facilities	3,373	1,322	1,951	1,460
Z244	Maint/Sewage & Waste Facilities	60,103	67,754	57,273	47,915
Z245	Maint/Water Supply Facilities	52,562	32,487	53,268	39,855
Z249	Maint/Other Utilities	74,054	88,085	129,676	115,438
Z24	Utilities	263,483	282,656	399,703	292,538
Z291	Maint/Recreation Facilities (Non-Building)	9,563	12,301	23,796	18,287
Z292	Maint/Exhibit Design (Non-Building)	209	1,337	240	88
Z293	Maint/Unimproved Real Property (Land)	6,849	11,469	14,340	3,308
Z294	Maint/Waste Treatment & Storage Facilities	6,407	0	0	0
Z299	Maint/All Other Non-Building Facilities	425,452	550,534	491,749	460,410
Z29	Other Non-Building Facilities	448,480	575,641	530,125	482,094
Z2	Non-Building Structures	1,049,651	1,199,324	1,398,326	1,130,249
TOTAL	Maintenance, Repair or Alteration of Real	3,417,482	3,445,308	4,348,108	3,435,216
	T O T A L OTHER SERVICES AND CONSTRUCTION	33,248,839	35,981,762	38,057,814	34,488,260

### TABLE 3

Net Value of  
Prime Contract Awards Over \$25,000  
for Supplies and Equipment,  
by Federal Supply Classification  
Code and Description:  
FY 1989, 1988, 1987, and 1986

# TABLE 3A. Summary of Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
10	Weapons	1,016,190	1,520,056	1,195,880	1,327,944
11	Nuclear Ordnance	127,306	25,928	98,337	17,664
12	Fire Control Equipment	1,196,259	1,223,153	1,822,559	1,712,500
13	Ammunition and Explosives	2,336,917	2,971,771	3,374,256	3,748,005
14	Guided Missiles	9,274,329	9,109,211	9,628,259	10,208,503
15	Aircraft & Airframe Structural Components	10,559,686	11,078,206	13,419,991	17,968,083
16	Aircraft Components and Accessories	2,768,140	2,598,342	2,936,574	2,735,114
17	Ackt Launching, Ldg. & Gnd Handling Equip	240,390	292,505	308,782	413,760
18	Space Vehicles	1,259,242	928,970	692,542	879,970
19	Ships, Smi Cft, Pontoons & Floating Docks	5,115,289	8,423,665	5,531,121	4,427,062
20	Ship and Marine Equipment	368,896	562,625	374,197	286,699
22	Railway Equipment	3,335	4,572	5,388	3,918
23	Gnd Effect Veh, Motor Veh, Trailers & Cys	1,755,436	2,566,286	2,835,048	2,945,165
24	Tractors	79,042	55,031	116,299	63,091
25	Vehicular Equipment Components	702,311	654,774	710,542	1,294,995
26	Tires and Tubes	91,007	79,798	80,082	102,246
28	Engines, Turbines, and Components	4,828,632	5,009,162	6,016,104	7,032,785
29	Engine Accessories	447,511	438,301	505,515	505,046
30	Mechanical Power Transmission Equipment	86,109	83,426	130,501	129,413
31	Bearings	88,376	90,779	119,585	120,009
32	Woodworking Machinery and Equipment	3,554	1,304	2,347	1,550
34	Metalworking Machinery	139,476	131,975	186,214	190,431
35	Service and Trade Equipment	11,169	33,687	19,061	17,605
36	Special Industry Machinery	74,238	119,971	196,648	106,459
37	Agricultural Machinery and Equipment	3,949	3,103	4,296	3,990
38	Const, Mining, Excavating & Hwy Maint Eq	202,304	198,915	290,147	241,372
39	Materials Handling Equipment	262,694	452,468	309,822	346,677
40	Rope, Cable, Chain and Fittings	26,460	25,022	34,593	34,743
41	Refrigeration, AC & Air Circulating Equip	87,946	84,865	162,827	123,755
42	Fire Fighting, Rescue & Safety Equipment	229,772	245,920	247,636	255,808
43	Pumps and Compressors	129,039	139,969	207,183	227,236
44	Furnace, Steam Plant, Drying Equip & Nucl	636,045	1,490,861	956,712	656,066
45	Plumbing, Heating & Sanitation Equipment	25,397	43,694	46,836	29,762
46	Water Purification & Sewage Treatment Eq	8,085	28,012	56,741	30,423
47	Pipe, Tubing, Hose & Fittings	79,610	81,809	86,789	122,727
48	Valves	135,483	121,165	128,711	158,418
49	Maintenance & Repair Shop Equipment	812,306	693,680	827,687	590,534
51	Hand Tools	16,326	20,364	27,002	21,612
52	Measuring Tools	4,129	8,938	4,913	4,665
53	Hardware and Abrasives	123,005	123,996	143,831	154,666
54	Prefabricated Structures & Scaffolding	114,466	189,456	159,213	135,418
55	Lumber, Millwork, Plywood & Veneer	23,229	23,568	30,945	25,092
56	Construction & Building Materials	64,030	73,545	51,287	62,714
58	Communication Equipment	10,248,164	7,790,161	10,906,043	9,793,379
59	Electrical & Electronic Equip Components	1,360,558	1,582,656	1,957,372	1,623,752

# TABLE 3A. Summary of Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
60	Fiber Optics Mats, Components, Assemblies	41,414	16,633	22,906	14,953
61	Electric Wire & Power Distribution Equip	557,472	759,550	628,713	774,394
62	Lighting Fixtures and Lamps	53,867	88,304	66,034	73,966
63	Alarm and Signal Systems	27,897	86,778	53,061	53,273
65	Medical, Dental, & Veterinary Eq & Sup	476,125	532,782	563,388	611,649
66	Instruments and Laboratory Equipment	1,177,470	1,374,042	1,721,350	1,713,357
67	Photographic Equipment	59,768	63,206	157,229	159,389
68	Chemicals and Chemical Products	89,486	71,142	88,485	95,862
69	Training Aids and Devices	553,177	663,995	942,865	1,006,841
70	General Purpose ADP Eq Software Sup & Eq	1,974,959	2,360,038	3,021,559	2,537,628
71	Furniture	235,414	210,236	277,392	206,109
72	Household & Coml Furnishings & Appliances	48,143	53,793	70,172	61,931
73	Food Preparation and Serving Equipment	39,880	52,591	59,021	56,065
74	Office Machines & Visible Record Equipment	18,163	32,106	41,148	62,465
75	Office Supplies and Devices	25,161	23,429	29,039	27,702
76	Books, Maps and Other Publications	170,869	172,801	116,423	96,435
77	Musical Inst., Phonographs, Home Type Radio	4,517	1,961	2,768	1,790
78	Recreational and Athletic Equipment	3,295	5,914	9,749	4,303
79	Cleaning Equipment and Supplies	46,097	35,922	33,556	34,679
80	Brushes, Paints, Sealers and Adhesives	10,468	6,022	8,657	13,353
81	Containers, Packaging & Packing Supplies	203,010	165,262	166,238	158,471
83	Tex/lthr/furs/apparel/findings/tents/flags	170,438	179,812	262,095	251,683
84	Clothing, Individual Equipment & Insignia	784,093	1,049,258	910,341	962,151
85	Toiletries	33,440	36,436	35,051	32,812
87	Agricultural Supplies	9,875	12,456	10,148	9,882
88	Live Animals	1,165	815	788	541
89	Subsistence	1,462,639	1,456,723	1,352,611	1,415,241
91	Fuels, Lubricants, Oils and Waxes	4,549,390	4,542,631	4,318,757	9,539,758
93	Nonmetallic Fabricated Materials	28,342	40,628	28,807	32,772
94	Nonmetallic Crude Materials	32-	33	27	33
95	Metal Bars, Sheets and Shapes	70,193	62,275	70,682	69,801
96	Ores, Minerals, and Their Primary Products	8,024	10,956	5,136	4,521
99	Miscellaneous	2,405,186	2,930,753	595,811	477,629
T O T A L    SUPPLIES AND EQUIPMENT		72,503,242	78,524,948	82,615,425	91,442,265

# TABLE 3B. Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Weapons					
1005	Guns, Through 30 mm	419,582	383,931	696,771	492,606
1010	Guns, Over 30 mm Up To 75 mm	31,754	19,582	17,401	31,127
1015	Guns, 75 mm Through 125 mm	51,333	112,447	206,513	164,921
1020	Guns, Over 125 mm Through 150 mm	39,902	94,482	4,526	4,568
1025	Guns, Over 150 mm Through 200 mm	31,083	15,092	35,233	59,820
1030	Guns, Over 200 mm Through 300 mm	183	161	168	62
1035	Guns, Over 300 mm	183	336	986	28
1040	Chemical Weapons and Equipment	3,292	6,067	9,923	7,633
1045	Launchers, Torpedo and Depth Charge	11,457	14,077	9,498	12,775
1055	Launchers, Grenade, Rocket and Pyrotechnic	99,796	95,364	25,605	88,409
1070	Nets and Booms, Ordnance	0	1,216	42	222
1075	Degaussing and Mine Sweeping Equipment	10,280	9,799	18,086	8,701
1080	Camouflage and Deception Equipment	61,266	10,849	89,692	162,858
1090	Assy Intrcng Btwn Wpns In 2 or More Class	2,010	2,234	4,548	13,274
1095	Miscellaneous Weapons	254,089	784,603	76,888	280,940
TOTAL	Weapons	1,016,190	1,520,056	1,195,880	1,327,944
Nuclear Ordnance					
1105	Nuclear Bombs	2,813	832	2,284	7,554
1110	Nuclear Projectiles	0	1,871	1,678	5,313
1115	Nuclear Warheads and Warhead Sections	109,639	5,518	6,836	154
1127	Nuclear Rockets	0	0	1,135	0
1135	Fusing and Firing Devices, Nucl Ordnance	2,042	8,545	38,258	1,428
1145	Explosive and Pyrotechnic Comps, Nucl Ord	0	0	411	292
1190	Specilized Test and Handling Eq, Nucl Ord	11,739	7,440	45,091	2,923
1195	Miscellaneous Nuclear Ordnance	1,073	1,722	2,644	0
TOTAL	Nuclear Ordnance	127,306	25,928	98,337	17,664
Fire Control Equipment					
1210	Fire Control Directors	39,177	202,757	86,765	19,077
1220	Fire Control Computing Sights & Devices	22,934	26,053	110,957	230,965
1230	Fire Control Systems, Complete	179,952	96,768	575,660	217,226
1240	Optical Sighting and Ranging Equipment	246,382	222,460	145,830	162,003
1250	Fire Control Stabilizing Mechanisms	176	72	2,544	10,124
1260	Fire Cntl Designating & Indicating Equip	120,231	97,488	66,376	95,296
1265	Fire Control Transmitting & Receiving Eq	86,758	31,644	44,986	174,671
1270	Aircraft Gunnery Fire Control Components	250,797	250,484	311,785	298,728
1280	Aircraft Bombing Fire Control Components	78,500	130,292	44,570	161,961
1285	Fire Control Radar Equip, Except Airborne	51,985	69,560	231,814	185,336
1287	Fire Control Sonar Equipment	27,549	25,081	51,228	13,218
1290	Miscellaneous Fire Control Equipment	91,818	70,494	150,044	143,895
TOTAL	Fire Control Equipment	1,196,259	1,223,153	1,822,559	1,712,500
Ammunition and Explosives					
1305	Ammunition, Through 30 mm	158,883	182,755	288,752	151,116
1310	Ammunition, Over 30 mm Up To 75 mm	7,757	78,447	79,194	49,695
1315	Ammunition, 75 mm Through 125 mm	422,077	585,061	356,442	336,750
1320	Ammunition, Over 125 mm	128,866	341,010	416,941	455,270
1325	Bombs	397,239	492,820	707,919	1,062,111
1330	Grenades	65,686	111,877	157,205	176,853
1338	Guided Msl Warheads and Explosive Comps	49,915	12,106	13,112	20,206
1337	Guide Msl & Space Veh Explo Un, Fuel, Comp	52,113	59,963	113,808	66,295
1338	Guide Msl and Sp Veh Inert Un, Fuel, Comp	6,349	1,061	1,013	4,560
1340	Rockets, Rocket Ammunition & Rocket Comps	112,249	115,779	269,397	242,097
1345	Land Mines	96,394	95,000	208,040	153,023
1350	Underwater Mine Inert Components	23,534	54,509	30,882	98,164
1351	Underwater Mine Explosive Components	2,470	4,219	3,907	29,494
1355	Torpedo Inert Components	442,595	493,482	349,200	372,577
1358	Torpedo Explosive Components	4,012	6,412	5,619	30,029
1380	Depth Charge Inert Components	56	1,054	3,732	1,860
1361	Depth Charge Explosive Components	184	134	224	0
1365	Military Chemical Agents	1,457	1,276	1,796	2,074
1370	Pyrotechnics	28,591	36,879	44,554	58,665
1375	Demolition Materials	20,229	15,500	20,420	20,586
1376	Bulk Explosives	16,546	30,554	123,071	90,243
1377	Cartridge & Propellant Actuated Dv & Comps	66,810	66,915	76,841	67,838

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Ammunition and Explosives (CONT)					
1385	Surface Use Explo Ord Disposal Tools & Eq	4,297	6,392	5,633	4,975
1386	Undwtr Use Explo Ord Disposal Tools & Eq	6,819	991	3,635	2,253
1390	Fuses and Primers	141,203	144,207	178,852	209,011
1395	Miscellaneous Ammunition	8,426	7,390	1,924	1,163
1398	Specilized Ammo Handling and Svcing Equip	72,180	26,178	70,531	41,097
TOTAL	Ammunition and Explosives	2,336,917	2,971,771	3,374,256	3,748,005
Guided Missiles					
1410	Guided Missiles	3,015,304	3,117,586	2,838,591	3,105,846
1420	Guided Missile Components	1,317,899	1,398,698	1,792,913	2,045,583
1425	Guided Missile Systems, Complete	2,007,175	2,448,330	1,930,058	2,166,405
1427	Guided Missile Subsystems	1,138,378	993,735	1,384,019	894,250
1430	Guided Missile Remote Control Systems	242,936	215,739	387,299	594,859
1440	Launchers, Guided Missile	555,744	760,923	928,532	1,168,134
1450	Guided Missile Handling & Servicing Equip	996,893	184,200	386,847	233,426
TOTAL	Guided Missiles	9,274,329	9,109,211	9,628,259	10,208,503
Aircraft & Airframe Structural Components					
1510	Aircraft Fixed Wing	7,302,570	7,683,524	9,582,646	14,451,645
1520	Aircraft Rotary Wing	1,721,089	1,942,341	2,238,591	2,141,153
1540	Gliders	0	0	437	944
1550	Drones	132,075	140,214	103,906	132,270
1560	Airframe Structural Components	1,403,952	1,312,127	1,494,411	1,242,071
TOTAL	Aircraft & Airframe Structural Components	10,559,686	11,078,206	13,419,991	17,968,083
Aircraft Components and Accessories					
1610	Aircraft Propellers	35,801	20,104	36,273	22,690
1615	Helicopter Rotor Blades, Drive Mechanisms	205,447	241,303	286,797	374,019
1620	Aircraft Landing Gear Components	109,111	79,930	149,870	169,212
1630	Aircraft Wheel and Brake Systems	108,040	79,149	96,015	165,781
1650	Acft Hydraulic, Vacuum & De-icing Sys Comp	173,695	145,847	228,633	190,976
1660	Aircraft AC, Heating and Pressurizing Eq	85,815	62,473	70,286	361,888
1670	Parachutes and Cargo Tie Down Equipment	53,663	58,387	57,048	70,340
1680	Msl Aircraft Accessories and Components	1,996,568	1,911,149	2,011,652	1,380,208
TOTAL	Aircraft Components and Accessories	2,768,140	2,598,342	2,936,574	2,735,114
Acft Launching, Ldg, & Gnd Handling Equip					
1710	Aircraft Arresting, Barrier & Barricade Eq	26,727	53,512	33,239	30,814
1720	Aircraft Launching Equipment	47,857	21,163	25,598	21,708
1730	Aircraft Ground Servicing Equipment	106,004	190,649	181,702	303,327
1740	Airfield Specialized Trucks and Trailers	59,802	27,181	68,243	57,911
TOTAL	Acft Launching, Ldg, & Gnd Handling Equip	240,390	292,505	308,782	413,760
Space Vehicles					
1810	Space Vehicles	286,947	265,367	203,488	405,314
1820	Space Vehicle Components	635,011	387,631	329,129	273,425
1830	Space Vehicle Remote Control Systems	16,377	65,207	4,125	9,339
1840	Space Vehicle Launchers	320,660	210,891	155,800	190,288
1850	Space Vehicle Handling & Servicing Equip	247	47	0	1,604
1860	Space Survival Equipment	0	173-	0	0
TOTAL	Space Vehicles	1,259,242	928,970	692,542	879,970
Ships, Sml Cft, Pontoons & Floating Docks					
1900	Frigates and Corvettes	13,453	27,611	93,696	99,116
1901	Aircraft Carriers	73,635	3,880,154	148,142	56,512
1902	Cruisers	53,672	1,130,553	861,674	792,211
1903	Destroyers	173,677	83,208	247,540	16,742

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Ships, Sm1 Cft, Pontoons & Floating Docks (CONT)					
1904	Submarines	2,493,153	1,918,232	2,459,988	1,774,597
1905	Combat Ships and Landing Vessels	52,836	31,565	88,240	50,877
1906	Minelayers and Minesweepers	355,235	39,023	35,415	213,999
1907	Landing Craft	64,032	49,197	371,541	31,093
1908	Torpedo Boats and Gun Boats	372-	807	23,118	16,175
1909	Hydrofoils	0	355	0	33-
1910	Transport Vessels, Passenger and Troop	269	0	98	0
1911	Amphibious Assault Ships	520,798	791,258	178,527	695,680
1915	Cargo and Tanker Vessels	1,085,725	264,871	698,531	263,248
1920	Fishing Vessels	1,237	57	860	442
1921	Tugs and Towboats	22,950	38,118	1,610	1,389
1924	Repair Ships	3,985	3,183	6,608	30,508
1925	Special Service Vessels	1,133	878	955	3,440
1926	Lightships	0	0	0	63
1928	Salvage Vessels	915	2,015	4,607	13,268
1929	Rescue Vessels	0	58	0	0
1930	Barges and Lighters, Cargo	4,576	1,313	3,870	4,087
1935	Barges and Lighters, Special Purpose	12,710	10,290	7,575	2,509
1940	Small Craft	30,318	40,753	68,069	45,254
1945	Pontoons and Floating Docks	1,913	17,774	28,782	66,087
1950	Floating Drydocks	2,107	0	136	2,803
1955	Dredges	2,012	0	96	4,255
1990	Miscellaneous Vessels	145,320	112,392	201,443	242,740
TOTAL	Ships, Sm1 Cft, Pontoons & Floating Docks	5,115,289	8,423,665	5,531,121	4,427,062
Ship and Marine Equipment					
2010	Ship and Boat Propulsion Components	187,763	232,667	153,826	137,555
2020	Rigging and Rigging Gear	367	964	1,298	4,260
2030	Deck Machinery	9,200	4,418	3,520	5,230
2040	Marine Hardware and Hull Items	19,786	31,161	23,714	31,733
2050	Buoys	5,439	2,328	5,308	507
2090	Miscellaneous Ship and Marine Equipment	146,341	291,087	186,531	107,414
TOTAL	Ship and Marine Equipment	368,896	562,625	374,197	286,699
Railway Equipment					
2210	Locomotives	333	3,000	3,436	37
2220	Rail Cars	0	0	1,010	1,900
2230	Right-of-way Const and Maint Eq, Railroad	69-	186	442	1,657
2240	Locomotive & Rail Car Accessories & Comps	2,717	897	141	0
2250	Track Materials, Railroad	354	489	359	324
TOTAL	Railway Equipment	3,335	4,572	5,388	3,918
Gnd Effect Veh, Motor Veh, Trailers & Cyce					
2305	Ground Effect Vehicles	957	10,872	25,815	2,229
2310	Passenger Motor Vehicles	8,827	5,105	6,031	11,617
2320	Trucks and Truck Tractors, Wheeled	869,371	1,067,767	1,077,661	1,306,459
2330	Trailers	97,678	105,711	141,377	63,213
2340	Motorcycles, Motor Scooters and Bicycles	2,763	1,183	3,324	1,577
2350	Combat Assault & Tactical Veh, Tracked	775,840	1,375,648	1,580,840	1,560,070
TOTAL	Gnd Effect Veh, Motor Veh, Trailers & Cyce	1,755,436	2,566,286	2,835,048	2,945,165
Tractors					
2410	Tractors, Full Track, Low Speed	32,208	18,273	85,414	57,114
2420	Tractors, Wheeled	46,708	36,549	30,885	5,977
2430	Tractors, Track Laying, High Speed	126	209	0	0
TOTAL	Tractors	79,042	55,031	116,299	63,091
Vehicular Equipment Components					
2510	Vehicular Cab, Body, Frame Structural Comp	25,151	22,391	39,005	38,028
2520	Vehicular Power Transmission Components	341,977	312,527	347,169	580,832

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Vehicular Equipment Components (CONT)					
2530	Vehicular Brake, Steering, Axle Wheel Comp	201,724	159,420	156,562	204,461
2540	Vehicular Furniture and Accessories	79,957	46,931	68,339	66,050
2590	Miscellaneous Vehicular Components	53,502	113,505	99,467	405,624
TOTAL	Vehicular Equipment Components	702,311	654,774	710,542	1,294,995
Tires and Tubes					
2610	Tires & Tubes, Pneumatic, Except Aircraft	48,097	46,143	46,978	61,931
2620	Tires and Tubes, Pneumatic, Aircraft	40,962	32,306	30,505	38,918
2630	Tires, Solid and Cushion	166	126	528	597
2640	Tire Rebuilding & Tire & Tube Repair Mats	1,782	1,223	2,071	800
TOTAL	Tires and Tubes	91,007	79,798	80,082	102,246
Engines, Turbines, and Components					
2805	Gas Reciprocating Eng, Except Acft, Comps	5,060	42,357	10,025-	9,657
2810	Gas Reciprocating Eng, Aircraft & Comps	200	4,282	5,216	912
2815	Diesel Engines and Components	157,790	109,295	252,011	286,130
2820	Steam Engines, Reciprocating & Components	0	79	2,000	261
2825	Steam Turbines and Components	23,205	9,886	22,384	23,941
2830	Water Turbines & Water Wheels & Comps	444	7,225	7,780	340
2835	Gas Turbines and Jet Eng, Ex Acft & Comps	311,809	479,965	649,151	492,283
2840	Gas Turbines and Jet Engines, Acft & Comps	4,148,700	4,168,349	4,866,394	6,074,950
2845	Rocket Engines and Components	2,929	5,295	91,355	3,168
2850	Gasoline Rotary Engines & Components	44,134	40,737	38,389	47,860
2895	Miscellaneous Engines and Components	134,361	141,692	91,449	93,283
TOTAL	Engines, Turbines, and Components	4,828,632	5,009,162	6,016,104	7,032,785
Engine Accessories					
2910	Engine Fuel Sys Components, Nonaircraft	29,107	40,819	58,487	62,998
2915	Engine Fuel System Components, Aircraft	214,161	206,062	210,052	183,611
2920	Engine Electrical Sys Comps, Nonaircraft	32,291	47,035	69,161	50,017
2925	Engine Electrical Sys Comps, Aircraft	38,372	39,213	43,988	40,915
2930	Engine Cooling Sys Comps, Nonaircraft	15,856	8,243	20,183	18,892
2935	Engine Cooling Sys Components, Aircraft	4,657	10,069	5,783	11,035
2940	Eng Filters, Strainers & Cleaners, Nonacft	4,564	4,245	13,625	15,774
2945	Engine Air & Oil Filters - Aircraft	5,164	3,720	1,437	3,773
2950	Turbosuperchargers	2,159	5,537	6,534	7,408
2990	Misc Engine Accessories, Nonaircraft	14,455	9,888	12,668	17,500
2995	Misc Engine Accessories, Aircraft	86,725	63,470	63,597	93,123
TOTAL	Engine Accessories	447,511	438,301	505,515	505,046
Mechanical Power Transmission Equipment					
3010	Torque Converters and Speed Changers	10,613	15,088	11,718	10,782
3020	Gears, Pulleys, Sprockets and Trans Chain	37,270	27,865	64,477	67,973
3030	Belting, Drive Belts, Fan Belts & Accys	437	379	265	797
3040	Miscellaneous Power Transmission Equip	37,789	40,094	54,041	49,861
TOTAL	Mechanical Power Transmission Equipment	86,109	83,426	130,501	129,413
Bearings					
3110	Bearings, Antifriction, Unmounted	59,350	65,689	95,645	92,180
3120	Bearings, Plain, Unmounted	23,791	19,927	20,853	25,333
3130	Bearings, Mounted	5,235	5,163	3,087	2,496
TOTAL	Bearings	88,376	90,779	119,585	120,009
Woodworking Machinery and Equipment					
3210	Sawmill and Planing Mill Machinery	346	230	35	44
3220	Woodworking Machines	3,208	1,074	2,243	1,412
3230	Tools & Attachments for Woodworking Mach	0	0	69	94
TOTAL	Woodworking Machinery and Equipment	3,554	1,304	2,347	1,550

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Metalworking Machinery					
3405	Saws and Filing Machines	1,831	4,087	4,003	2,787
3408	Machining Centers & Way-type Machines	5,264	16,333	23,245	13,178
3410	Electrical & Ultrasonic Erosion Machines	2,303	1,187	3,569	3,732
3411	Boring Machines	28,676	323	3,935	12,013
3412	Broaching Machines	117	117	413	1,228
3413	Drilling and Tapping Machines	2,271	9,969	2,944	6,808
3414	Gear Cutting and Finishing Machines	939	1,307	362	1,236
3415	Grinding Machines	16,776	18,149	20,838	25,480
3416	Lathes	17,275	17,052	25,968	27,008
3417	Milling Machines	9,739	13,575	10,094	12,089
3418	Planers and Shapers	425	2,509	133	374
3419	Miscellaneous Machine Tools	3,777	6,109	3,659	2,280
3422	Rolling Mills and Drawing Machines	102	173	0	255
3424	Metal Heat Treating & Non-thermal Equip	9,603	3,628	6,582	5,412
3426	Metal Finishing Equipment	2,276	5,173	9,932	2,938
3431	Electric Arc Welding Equipment	2,369	3,902	26,268	11,676
3432	Electric Resistance Welding Equipment	28	379	1,422	892
3433	Gas Welding, Heat Cutting, & Metalizing Eq	3,355	3,389	4,901	4,004
3436	Welding Positioners and Manipulators	876	86	197	2,428
3438	Miscellaneous Welding Equipment	752	2,367	4,838	5,961
3439	Misc Welding, Soldering & Brazing Supply	2,797	4,087	6,866	11,404
3441	Bending and Forming Machines	9,246	4,590	9,436	10,824
3442	Hydraulic and Pneumatic Presses, Power Dr	507	4,718	5,457	3,039
3443	Mechanical Presses, Power Driven	3,107	3,345	865	7,600
3444	Manual Presses	132	392	463	235
3445	Punching and Shearing Machines	8,282	7,920	2,783	6,811
3446	Forging Machinery and Hammers	553	924	748	2,753
3447	Wire and Metal Ribbon Forming Machines	40	200	406	0
3448	Riveting Machines	387	314	70	226
3449	Msc Secondary Metal Forming & Cutting Mach	404	1,038	561	780
3450	Machine Tools, Portable	1,657	959	201	519
3455	Cutting Tools for Machine Tools	862	1,681	2,135	1,639
3456	Cutting Tools for Secondary Metal Mach	142	0	0	92
3460	Machine Tool Accessories	1,145	2,036	2,621	2,076
3461	Accessories for Secondary Metal Machinery	28	231	150	115
3465	Production Jigs, Fixtures and Templates	234	33	56	345
3470	Machine Shop Sets, Kits, and Outfits	1,199	39	93	194
TOTAL	Metalworking Machinery	139,476	131,975	186,214	190,431
Service and Trade Equipment					
3510	Laundry and Dry Cleaning Equipment	5,078	25,810	9,932	11,279
3520	Shoe Repairing Equipment	381	0	33	0
3530	Indust Sewing Mach & Mobile Tex Repr Shops	102	623	1,335	590
3540	Wrapping and Packaging Machinery	1,156	1,455	3,137	1,687
3550	Vending and Coin Operated Machines	58	188	30	1,060
3590	Misc Service and Trade Equipment	4,394	5,611	4,654	2,989
TOTAL	Service and Trade Equipment	11,169	33,687	19,061	17,605
Special Industry Machinery					
3605	Food Products Machinery and Equipment	635	214	1,847	207
3610	Printing, Duplicating & Bookbinding Equip	29,282	39,490	46,421	41,257
3611	Industrial Marking Machines	641	468	173	434
3615	Pulp and Paper Industries Machinery	4,036	2,139	2,805	1,460
3620	Rubber & Plastic Working Machinery	239	491	1,064	897
3625	Textile Industries Machinery	313	0	636	238
3630	Clay & Concrete Products Industries Mach	70	0	183	32
3635	Crystal & Glass Industries Machinery	25	254	914	464
3640	Tobacco Manufacturing Machinery	0	0	41	45
3645	Leather Tanning and Working Machinery	35	0	0	0
3650	Chemical and Pharmaceutical Machinery	173	456	1,119	2,180
3655	Gas Generating and Dispensing Systems	15,051	25,232	105,524	39,205
3660	Industrial Size Reduction Machinery	929	375	2,574	232
3670	Specialized Circuit Board Manufacturing Mach	3,891	2,134	1,896	1,436
3680	Foundry Machinery, Related Equip & Sup	2,441	13,098	1,644	2,507
3685	Specialized Metal Container Mfg Mach & Eq	1,282	335	0	0
3690	Specialized Ammunition and Ordnance Mach	4,508	23,592	6,072	6,483
3693	Industrial Assembly Machines	518	2,303	12,239	638
3694	Clean Work Stations, Controlled Environ Eq	144	320	363	525
3695	Miscellaneous Special Industry Machinery	10,025	9,070	11,133	8,219
TOTAL	Special Industry Machinery	74,238	119,971	196,648	106,459

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Agricultural Machinery and Equipment					
3710	Soil Preparation Equipment	82	193	37	1,080
3720	Harvesting Equipment	195	28	180	101
3730	Dairy, Poultry, and Livestock Equipment	0	205	0	0
3740	Pest, Disease, and Frost Control Equipment	217	451	933	1,114
3750	Gardening Implements and Tools	3,414	1,991	2,641	1,547
3760	Animal Drawn Vehicles and Farm Trailers	0	0	0	50
3770	Saddlery, Harness, Whips and Furnishings	41	235	505	98
TOTAL	Agricultural Machinery and Equipment	3,949	3,103	4,296	3,990
Const, Mining, Excavating & Hwy Maint Eq					
3805	Earth Moving and Excavating Equipment	42,009	57,001	92,071	105,495
3810	Cranes and Crane-shovels	47,539	74,545	87,114	45,328
3815	Crane and Crane-shovel Attachments	1,590	695	2,836	144
3820	Mining, Rock Drilling, Earth Boring Equip	1,321	4,838	9,846	2,761
3825	Road Clearing and Cleaning Equipment	35,430	27,546	55,747	24,700
3830	Truck and Tractor Attachments	1,159	1,056	2,292	1,492
3835	Petroleum Production & Distribution Equip	62,577	7,490	25,897	18,128
3895	Miscellaneous Construction Equipment	10,679	25,744	14,344	43,324
TOTAL	Const. Mining, Excavating & Hwy Maint Eq	202,304	198,915	290,147	241,372
Materials Handling Equipment					
3910	Conveyors	11,153	14,154	13,198	34,508
3915	Materials Feeders	349	469	225	410
3920	Mat Handling Equip, Nonself-propelled	3,847	4,660	10,115	5,786
3930	Warehouse Trks & Tractors, Self-propelled	127,068	196,929	123,952	134,035
3940	Blocks Tackle Rigging and Slings	2,314	5,891	5,579	4,502
3950	Winches, Hoists, Cranes and Derricks	41,906	71,931	68,212	90,547
3960	Elevators and Escalators	216	205	147	298
3990	Miscellaneous Materials Handling Equip	75,841	158,229	88,394	76,591
TOTAL	Materials Handling Equipment	262,694	452,468	309,822	346,677
Rope, Cable, Chain and Fittings					
4010	Chain and Wire Rope	19,555	12,679	22,656	15,947
4020	Fiber Rope Cordage and Twine	3,543	8,544	8,084	14,344
4030	Fittings for Rope, Cable and Chain	3,362	3,799	3,853	4,452
TOTAL	Rope, Cable, Chain and Fittings	26,460	25,022	34,593	34,743
Refrigeration, AC & Air Circulating Equip					
4110	Refrigeration Equip	21,037	24,099	22,532	31,024
4120	Air Conditioning Equip	41,308	30,195	94,294	47,093
4130	Refrigeration and Air Conditioning Comps	7,658	13,348	15,121	21,184
4140	Fans, Air Circulators & Blower Equip	17,943	17,223	30,880	24,454
TOTAL	Refrigeration, AC & Air Circulating Equip	87,946	84,865	162,827	123,755
Fire Fighting, Rescue & Safety Equipment					
4210	Fire Fighting Equipment	75,149	76,181	97,252	114,492
4220	Marine Lifesaving and Diving Equipment	22,875	14,131	28,536	37,521
4230	Decontaminating and Impregnating Equip	19,928	39,312	52,669	27,621
4240	Safety and Rescue Equipment	111,720	116,296	69,179	76,174
TOTAL	Fire Fighting, Rescue & Safety Equipment	229,772	245,920	247,636	255,808
Pumps and Compressors					
4310	Compressors and Vacuum Pumps	40,985	36,159	45,867	61,598
4320	Power and Hand Pumps	77,233	88,178	145,846	148,842
4330	Centrifugals, Separators, and Filters	10,821	15,634	15,470	16,796
TOTAL	Pumps and Compressors	129,039	139,969	207,183	227,236

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
	Furnace, Steam Plant, Drying Equip & Nucl				
4410	Industrial Boilers	10,583	17,693	5,805	6,917
4420	Heat Exchangers and Steam Condensers	5,724	6,966	10,866	22,634
4430	Industrial Furnaces, Kilns, Lehrs & Ovens	5,738	6,343	1,823	3,246
4440	Driers, Dehydrators and Anhydrators	2,466	2,564	3,924	3,645
4460	Air Purification Equipment	2,130	20,865	5,455	4,507
4470	Nuclear Reactors	609,404	1,436,430	929,039	615,117
TOTAL	Furnace, Steam Plant, Drying Equip & Nucl	636,045	1,490,861	956,712	656,066
	Plumbing, Heating & Sanitation Equipment				
4510	Plumbing Fixtures and Accessories	3,361	11,285	8,115	10,107
4520	Space Heating Eq & Domestic Water Heaters	17,090	25,110	31,792	12,832
4530	Fuel Burning Equipment Units	2,106	1,036	2,659	1,858
4540	Misc Plumbing, Heating & Sanitation Equip	2,840	6,263	4,270	4,965
TOTAL	Plumbing, Heating & Sanitation Equipment	25,397	43,694	46,836	29,762
	Water Purification & Sewage Treatment Eq				
4610	Water Purification Equipment	5,734	24,824	53,971	26,711
4620	Water Distillation Equip Marine & Indust	944	1,706	1,792	1,590
4630	Sewage Treatment Equipment	1,407	1,482	978	2,122
TOTAL	Water Purification & Sewage Treatment Eq	8,085	28,012	56,741	30,423
	Pipe, Tubing, Hose & Fittings				
4710	Pipe and Tube	25,140	26,168	25,556	27,828
4720	Hose and Tubing, Flexible	16,747	22,633	25,597	47,296
4730	Fittings & Specialties; Hose, Pipe & Tube	37,723	33,008	35,636	47,603
TOTAL	Pipe, Tubing, Hose & Fittings	79,610	81,809	86,789	122,727
	Valves				
4810	Valves, Powered	52,124	40,016	20,103	47,884
4820	Valves, Nonpowered	83,359	81,149	108,608	110,534
TOTAL	Valves	135,483	121,165	128,711	158,418
	Maintenance & Repair Shop Equipment				
4910	Motor Veh Maint & Repr Shop Specilized Eq	37,835	24,621	65,926	44,779
4920	Acft Maint & Repair Shop Specilized Equip	607,153	469,124	396,802	339,333
4921	Torpedo Maint, Repair & Checkout Spec Eq	1,783	3,306	4,458	4,313
4923	Depth Charges, Mines Maint & Repair Equip	39	392	30	1,904
4925	Ammunition Maint, Repr & Checkout Spec Eq	4,844	2,965	1,272	4,280
4927	Rocket Maint, Repair & Checkout Spec Equip	4,266	4,108	5,563	8,639
4930	Lubrication & Fuel Dispensing Equipment	20,987	20,799	19,033	27,114
4931	Fire Control Maint & Repair Shop Spec Eq	4,949	29,421	34,044	42,039
4933	Weapons Maint, Repair & Checkout Spec Eq	16,728	21,307	39,180	7,477
4935	Guided Missile Maint, Repair Specilized Eq	82,335	64,653	177,745	40,072
4940	Miscellaneous Maint, Repair Specilized Eq	31,387	52,938	83,531	70,557
4960	Space Vehicle Maint, Repair Specilized Eq	0	46	103	27
TOTAL	Maintenance & Repair Shop Equipment	812,306	693,680	827,687	590,534
	Hand Tools				
5110	Hand Tools, Edged, Nonpowered	68	196	176	219
5120	Hand Tools, Nonedged, Nonpowered	4,509	5,652	6,762	6,349
5130	Hand Tools, Power Driven	3,007	2,170	2,644	2,219
5133	Drill Bits, Counterbores, and Countersinks	41	87	197	39
5136	Taps, Dies, and Collets: Hand and Machine	99	0	427	102
5140	Tool and Hardware Boxes	448	1,609	829	384
5180	Sets, Kits and Outfits of Hand Tools	8,154	10,650	15,967	12,300
TOTAL	Hand Tools	16,326	20,364	27,002	21,612

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Measuring Tools					
5210	Measuring Tools, Craftsmen's	1,066	1,394	830	1,185
5220	Inspection Gauges & Precision Layout Tools	2,558	7,172	2,976	3,148
5280	Sets, Kits and Outfits of Measuring Tools	505	372	1,107	332
TOTAL	Measuring Tools	4,129	8,938	4,913	4,665
Hardware and Abrasives					
5305	Screws	7,446	7,262	7,129	8,118
5306	Bolts	6,367	6,652	8,301	11,907
5307	Studs	1,988	1,048	1,472	1,537
5310	Nuts and Washers	14,575	14,397	22,844	24,044
5315	Nails, Keys and Pins	7,530	7,349	3,640	3,346
5320	Rivets	5,279	5,368	8,345	21,737
5325	Fastening Devices	1,192	2,910	6,043	11,366
5330	Packing and Gasket Materials	24,765	29,083	39,897	26,137
5335	Metal Screening	128	368	544	113
5340	Miscellaneous Hardware	41,738	35,415	32,466	35,180
5345	Disks and Stones, Abrasive	1,378	585	975	414
5350	Abrasive Materials	2,847	2,555	1,539	1,166
5355	Knobs and Pointers	337	558	759	392
5360	Coil, flat and Wire Springs	1,449	1,976	4,989	1,467
5365	Rings, Shims and Spacers	5,986	8,470	4,888	7,742
TOTAL	Hardware and Abrasives	123,005	123,996	143,831	154,666
Prefabricated Structures & Scaffolding					
5410	Prefabricated and Portable Buildings	32,075	52,215	38,087	40,339
5411	Rigid Wall Shelters	50,548	84,044	21,458	15,371
5420	Bridges, Fixed and Floating	2,837	1,569	36,027	40,267
5430	Storage Tanks	20,840	33,042	42,959	24,946
5440	Scaffolding Equipment and Concrete Forms	1,491	2,586	2,624	3,670
5445	Prefabricated Tower Structures	176	1,435	784	270
5450	Miscellaneous Prefabricated Structures	6,499	14,565	16,274	10,555
TOTAL	Prefabricated Structures & Scaffolding	114,466	189,456	158,213	135,418
Lumber, Millwork, Plywood & Veneer					
5510	Lumber and Related Basic Wood Materials	14,270	17,196	22,270	18,492
5520	Millwork	322	235	0	346
5530	Plywood and Veneer	8,637	6,137	8,675	6,254
TOTAL	Lumber, Millwork, Plywood & Veneer	23,229	23,568	30,945	25,092
Construction & Building Materials					
5610	Mineral Construction Materials, Bulk	9,250	15,312	12,823	11,688
5620	Building Glass, Tile, Brick and Block	5,867	4,092	6,639	6,373
5630	Pipe and Conduit, Nonmetallic	239	374	465	170
5640	Wallboard Bldg & Thermal Insulation Mat	1,616	2,285	1,957	977
5650	Roofing and Siding Materials	213	1,986	204	2,071
5660	Fencing, Fences and Gates	15,869	5,816	3,945	19,166
5670	Building Components, Prefabricated	1,161	2,779	2,620	2,089
5680	Miscellaneous Construction Materials	29,815	40,901	22,634	20,180
TOTAL	Construction & Building Materials	64,030	73,545	51,287	62,714
Communication Equipment					
5805	Telephone and Telegraph Equipment	155,568	176,614	162,754	192,524
5810	Communications Security Equip and Comps	164,415	111,360	575,367	386,745
5811	Other Cryptologic Equipment & Components	35,271	17,864	67,353	38,838
5815	Teletype and Facsimile Equipment	54,156	45,868	44,435	46,554
5820	Radio & TV Comm Equipment, Except Airborne	729,533	784,676	778,407	570,710
5821	Radio and TV Comm Equipment, Airborne	146,945	124,251	289,175	216,787
5825	Radio Navigation Equip, Except Airborne	107,103	96,859	6,642	108,063
5826	Radio Navigation Equipment, Airborne	158,140	136,958	89,848	192,905
5830	Intercomm Public Address Sys, Ex Airborne	35,011	22,993	15,735	42,130

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Communication Equipment (CONT)					
5831	Intercomm Public Address Sys, Airborne	2,545	8,364	90	11,387
5835	Sound Recording & Reproducing Equipment	50,166	57,733	51,154	118,202
5836	Video Recording and Reproducing Equipment	16,149	23,304	28,816	12,366
5840	Radar Equipment, Except Airborne	566,250	486,826	847,115	717,605
5841	Radar Equipment, Airborne	1,047,900	1,147,187	1,126,699	992,708
5845	Underwater Sound Equipment	993,839	1,049,072	950,689	868,963
5850	Visible & Invisible Light Comm Equipment	3,307	287	2,309	3,617
5855	Night Vision Equipment	435,785	406,790	241,910	329,496
5860	Stimulated Coherent Radiation Devices	10,399	6,312	13,406	11,941
5865	Elt Countermeasures & Quick Reaction Eq	1,992,383	1,525,677	2,803,964	2,898,654
5895	Miscellaneous Communication Equipment	3,541,299	1,561,166	2,810,175	2,033,184
TOTAL Communication Equipment		10,246,164	7,790,161	10,906,043	9,793,379
Electrical & Electronic Equip Components					
5905	Resistors	7,284	9,198	10,696	30,873
5910	Capacitors	3,278	2,155	2,782	4,338
5915	Filters and Networks	13,422	11,165	17,760	23,665
5920	Fuses, Arrestors, Absorbers, & Protectors	2,767	8,140	3,734	4,100
5925	Circuit Breakers	8,219	9,913	16,195	24,453
5930	Switches	40,655	40,223	40,936	52,506
5935	Connectors Electrical	23,984	34,058	29,378	55,931
5940	Lugs Terminals and Terminal Strips	5,833	5,694	5,851	6,489
5945	Relays and Solenoids	20,213	24,631	27,111	38,724
5950	Coil and Transformers	10,484	12,138	17,221	13,953
5955	Piezoelectric Crystals	6,770	5,815	18,782	5,823
5960	Electron Tubes & Assoc Hardware	132,644	150,792	236,694	227,596
5961	Semiconductor Devices & Assoc Hardware	12,864	21,475	12,689	10,353
5962	Microcircuits - Electronic	42,783	46,871	48,193	49,693
5963	Electronic Modules	323,163	410,373	325,699	161,211
5965	Headsets, Handsets, Microphones & Speakers	24,435	25,062	35,626	43,061
5970	Elec Insulators and Insulating Material	3,000	3,688	3,984	3,746
5975	Electrical Hardware and Supplies	10,936	19,220	27,001	37,253
5977	Electrical Contact Brushes & Electrodes	2,215	1,587	3,594	3,076
5980	Optoelectronic Devices & Assoc Hardware	2,331	2,693	565	0
5985	Antennas, Waveguides & Related Equipment	145,357	166,725	199,734	199,387
5990	Synchros and Resolvers	7,543	12,490	32,584	10,005
5995	Cable, Cord, Wire Assemblies, Comm Equip	48,065	115,876	75,732	84,130
5998	Electrical & Elct Assys, Boards, Cards	51,183	0	0	0
5999	Msc Electrical and Electronic Components	411,130	442,674	764,831	533,386
TOTAL Electrical & Electronic Equip Components		1,360,558	1,582,656	1,957,372	1,623,752
Fiber Optics Mats, Components, Assemblies					
6010	Fiber Optic Conductors	228	8,008	361	142
6015	Fiber Optic Cables	25,943	4,727	3,658	4,872
6020	Fiber Optic Cable Assemblies and Harnesses	1,185	564	257	2,630
6030	Fiber Optic Devices	4,565	1,997	12,570	4,319
6060	Fiber Optic Interconnectors and Supplies	337	76	278	436
6070	Fiber Optic Accessories and Supplies	4,391	1,086	1,208	2,240
6080	Fiber Optic Kits & Sets	4,765	175	4,574	314
TOTAL Fiber Optics Mats, Components, Assemblies		41,414	16,633	22,906	14,953
Electric Wire & Power Distribution Equip					
6105	Motors, Electrical	43,017	38,176	43,000	43,809
6110	Electrical Control Equipment	47,742	65,487	55,093	48,304
6115	Generators and Generator Sets, Electrical	128,561	277,866	153,572	265,709
6116	Fuel Cell Power Units and Comps	561	1,567	2,974	1,438
6120	Transformers, Distribution & Power Station	6,915	5,263	9,726	14,430
6125	Converters, Electrical, Rotating	10,021	14,772	72,276	78,013
6130	Converters, Electrical, Nonrotating	75,052	89,811	61,784	55,313
6135	Batteries, Nonrechargeable	70,129	93,762	91,929	84,115
6140	Batteries, Rechargeable	47,786	40,110	45,398	59,820
6145	Wire and Cable, Electrical	50,798	48,362	33,803	94,334
6150	Misc Electric Power & Distribution Eq	76,890	84,392	59,058	29,109
TOTAL Electric Wire & Power Distribution Equip		557,472	759,550	628,713	774,394

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Lighting Fixtures and Lamps					
6210	Electric Lighting Fixtures-indoor, Outdoor	7,625	18,590	11,015	9,838
6220	Electric Vehicular Lights and Fixtures	16,955	14,546	25,003	20,105
6230	Electric Portable & Hand Lighting Equip	12,857	33,287	8,423	14,505
6240	Electric Lamps	4,836	8,599	13,109	21,861
6250	Ballasts, Lampholders and Starters	1,786	1,659	1,070	1,329
6260	Nonelectrical Lighting Fixtures	9,808	11,623	7,414	6,328
TOTAL	Lighting Fixtures and Lamps	53,867	88,304	66,034	73,966
Alarm and Signal Systems					
6310	Traffic and Transit Signal Systems	38-	648	401	113
6320	Shipboard Alarm and Signal Systems	2,444	3,083	5,976	4,313
6330	Railroad Signal and Warning Devices	0	80	163	0
6340	Aircraft Alarm and Signal Systems	9,245	8,801	4,225	3,155
6350	Misc Alarm, Signal and Security Systems	16,246	74,166	42,296	45,692
TOTAL	Alarm and Signal Systems	27,897	86,778	53,061	53,273
Medical, Dental, & Veterinary Eq & Sup					
6505	Drugs, Biologicals	236,055	267,344	265,213	357,281
6506	Blood	0	0	60	0
6508	Medicated Cosmetics and Toiletries	28	0	414	909
6510	Surgical Dressing Materials	27,292	20,553	32,746	26,779
6515	Medical & Surgical Instruments, Equip & Supplies	101,078	98,845	107,542	79,043
6520	Dental Instruments, Equip and Supplies	9,134	8,302	16,928	13,195
6525	X-ray Equip & Sup; Medical, Dental & Vet	25,629	51,448	52,831	55,716
6530	Hospital Furniture, Equip, Utensils & Sup	37,532	34,276	49,256	38,906
6532	Hospital & Surgical Clothing	5,936	7,879	10,683	15,264
6540	Ophthalmic Instruments, Equip & Supplies	6,522	22,679	5,657	8,410
6545	Medical Sets, Kits and Outfits	14,313	7,557	9,777	8,030
6550	In Vitro Diagnostic Substances, Reagents	12,606	13,899	12,281	8,116
TOTAL	Medical, Dental, & Veterinary Eq & Sup	476,125	532,782	563,388	611,649
Instruments and Laboratory Equipment					
6605	Navigational Instruments	107,391	227,313	383,030	320,492
6610	Flight Instruments	85,587	42,144	118,970	141,042
6615	Automatic Pilot Mechanisms Airborne Gyro	87,359	99,236	108,589	158,759
6620	Engine Instruments	29,621	38,332	60,575	47,194
6625	Electrical & Elct Meas & Test Instruments	494,157	503,765	535,672	585,025
6630	Chemical Analysis Instruments	15,045	19,798	21,529	20,632
6635	Physical Properties Testing Equipment	22,774	33,590	37,584	38,164
6636	Environmental Chambers and Related Equip	8,341	22,005	16,864	10,718
6640	Laboratory Equipment and Supplies	28,287	44,542	87,927	50,437
6645	Time Measuring Instruments	4,201	10,495	11,754	41,736
6650	Optical Instruments, Test Equip, Comps & Accys	36,389	70,523	51,134	29,706
6655	Geophysical Instruments	433	2,788	6,386	1,623
6660	Meteorological Instruments and Apparatus	13,483	23,744	22,127	27,768
6665	Hazard-detecting Instruments & Apparatus	70,472	43,951	49,997	75,163
6670	Scales and Balances	3,094	3,112	4,279	4,642
6675	Drafting, Surveying & Mapping Instruments	45,119	30,949	58,924	22,409
6680	Flow, Level, Motion Measuring Instruments	30,439	53,898	53,182	30,321
6685	Pressure, Temperature & Humidity Insts	58,340	55,024	46,661	38,424
6695	Combination & Miscellaneous Instruments	36,938	48,833	46,156	69,102
TOTAL	Instruments and Laboratory Equipment	1,177,470	1,374,042	1,721,350	1,713,357
Photographic Equipment					
6710	Cameras, Motion Picture	2,229	5,165	15,751	3,471
6720	Cameras, Still Picture	10,098	5,118	33,119	42,349
6730	Photographic Projection Equipment	7,866	6,478	7,539	6,789
6740	Photo Developing and Finishing Equip	13,123	10,817	16,969	14,576
6750	Photographic Supplies	11,486	12,957	18,285	33,593
6760	Photographic Equipment and Accessories	11,597	13,916	55,364	49,511
6770	Film, Processed	1,332	894	5,025	4,346
6780	Photographic Sets, Kits and Outfits	2,037	7,861	5,177	4,744
TOTAL	Photographic Equipment	59,768	83,206	157,229	159,389

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Chemicals and Chemical Products					
6810	Chemicals	20,011	19,037	25,450	36,613
6820	Dyes	1,158	1,533	7,533	2,670
6830	Gases, Compressed and Liquefied	10,584	11,033	10,844	10,889
6840	Pest Control Agents and Disinfectants	5,547	9,086	14,157	11,948
6850	Miscellaneous Chemical Specialties	52,186	30,453	30,501	33,742
TOTAL	Chemicals and Chemical Products	89,486	71,142	88,485	95,862
Training Aids and Devices					
6910	Training Aids	151,780	146,806	130,297	158,448
6920	Armament Training Devices	110,982	113,998	180,175	286,311
6930	Operational Training Devices	247,847	359,048	615,294	531,804
6940	Communication Training Devices	42,568	44,143	17,099	30,278
TOTAL	Training Aids and Devices	553,177	663,995	942,865	1,006,841
General Purpose ADP Eq Software Sup & Eq					
7010	ADPE Configuration	1,005,329	1,197,347	1,490,894	1,382,865
7020	ADP Central Processing Unit - Analog	23,729	18,911	36,606	27,145
7021	ADP Central Processing Unit - Digital	37,888	74,544	71,277	76,950
7022	ADP Central Processing Unit - Hybrid	6,978	13,202	8,111	2,268
7025	ADP Input/output and Storage Devices	273,943	288,360	414,408	250,836
7030	ADP Software	160,981	153,427	178,466	97,671
7035	ADP Support Equip	217,482	230,884	336,438	298,875
7040	Punched Card Equip	3,451	2,871	4,361	2,236
7042	Mini & Micro Computer Control Devices	31,962	68,994	45,747	33,826
7045	ADP Supplies	76,619	118,823	102,108	65,507
7050	ADP Components	136,597	192,675	333,143	299,449
TOTAL	General Purpose ADP Eq Software Sup & Eq	1,974,959	2,360,038	3,021,559	2,537,628
Furniture					
7105	Household Furniture	39,234	50,588	62,212	55,873
7110	Office Furniture	146,207	109,908	153,992	96,907
7125	Cabinets, Lockers, Bins and Shelving	24,381	30,593	37,165	33,942
7195	Miscellaneous Furniture and Fixtures	25,592	19,147	24,023	19,387
TOTAL	Furniture	235,414	210,236	277,392	206,109
Household & Coml Furnishings & Appliances					
7210	Household Furnishings	30,593	30,221	43,799	35,010
7220	Floor Coverings	9,154	11,311	14,558	13,085
7230	Draperies, Awnings and Shades	5,330	6,828	6,297	6,746
7240	Household and Commercial Util Containers	1,582	3,512	4,748	2,413
7290	Msc Household Coml Furnishings Appliances	1,504	1,921	770	4,677
TOTAL	Household & Coml Furnishings & Appliances	48,143	53,793	70,172	61,931
Food Preparation and Serving Equipment					
7310	Food Cooking Baking Serving Equip	14,898	16,785	24,349	22,890
7320	Kitchen Equipment and Appliances	8,500	8,433	13,410	14,093
7330	Kitchen Hand Tools and Utensils	3,800	14	4,125	684
7340	Cutlery and Flatware	144	1,493	1,894	2,230
7350	Tableware	3,959	4,410	2,781	3,679
7380	Sets, Kits & Outfits: Food Prep & Serving	8,579	21,484	12,462	12,489
TOTAL	Food Preparation and Serving Equipment	39,880	52,591	59,021	56,065
Office Machines & Visible Record Equipment					
7420	Accounting and Calculating Machines	424	3,827	796	611
7430	Typewriters & Office Type Composing Mach	1,974	1,907	4,133	6,132
7435	Office Information System Equipment	2,313	10,276	17,858	37,776
7450	Office Type Sound Recording Repro Mach	2,372	1,989	2,501	2,230

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
	Office Machines & Visible Record Equipment (CONT)				
7460	Visible Record Equipment	5,765	7,428	7,675	7,867
7490	Miscellaneous Office Machines	5,315	6,679	8,185	7,849
TOTAL	Office Machines & Visible Record Equipment	18,163	32,106	41,148	62,465
	Office Supplies and Devices				
7510	Office Supplies	1,927	2,301	6,232	2,969
7520	Office Devices and Accessories	700	304	654	1,289
7530	Stationery and Record Forms	22,534	20,768	22,107	23,259
7540	Standard Forms	0	56	46	185
TOTAL	Office Supplies and Devices	25,161	23,429	29,039	27,702
	Books, Maps and Other Publications				
7610	Books and Pamphlets	14,578	15,323	16,984	17,852
7630	Newspapers and Periodicals	3,666	5,614	3,611	4,783
7640	Maps, Atlases Charts and Globes	7,711	7,497	4,324	6,899
7650	Drawings and Specifications	3,021	4,886	4,498	5,913
7670	Microfilm Processed	8,383	4,533	5,051	2,202
7690	Miscellaneous Printed Matter	133,510	134,948	81,955	58,786
TOTAL	Books, Maps and Other Publications	170,869	172,801	116,423	96,435
	Musical Inst, Phonographs, Home Type Radio				
7710	Musical Instruments	3,219	954	370	314
7720	Musical Instrument Parts and Accessories	182	144	241	101
7730	Phonographs, Radios, TV Sets: Home Type	1,116	633	1,495	747
7740	Phonograph Records	0	230	662	628
TOTAL	Musical Inst, Phonographs, Home Type Radio	4,517	1,961	2,768	1,790
	Recreational and Athletic Equipment				
7810	Athletic and Sporting Equipment	1,049	1,335	3,070	1,844
7820	Games, Toys and Wheeled Goods	147	324	454	269
7830	Recreational and Gymnastic Equipment	2,099	4,255	6,225	2,390
TOTAL	Recreational and Athletic Equipment	3,295	5,914	9,749	4,303
	Cleaning Equipment and Supplies				
7910	Floor Polishers and Vacuum Cleaners	3,548	1,022	1,550	1,357
7920	Brooms, Brushes, Mops and Sponges	2,542	759	1,186	1,643
7930	Cleaning & Polishing Compounds & Preps	40,007	34,141	30,820	31,679
TOTAL	Cleaning Equipment and Supplies	46,097	35,922	33,556	34,679
	Brushes, Paints, Sealers and Adhesives				
8010	Paints, Dopes, Varnishes & Related Product	7,877	4,677	7,031	12,152
8020	Paint and Artists' Brushes	43	29	186	0
8030	Preservative and Sealing Compounds	1,646	881	1,030	780
8040	Adhesives	1,102	435	410	421
TOTAL	Brushes, Paints, Sealers and Adhesives	10,468	6,022	8,657	13,353
	Containers, Packaging & Packing Supplies				
8105	Bags and Sacks	9,237	6,961	11,186	6,457
8110	Drums and Cans	3,017	7,029	16,964	10,408
8115	Boxes, Cartons and Crates	19,445	19,998	3,450	3,843
8120	Commercial & Industrial Gas Cylinders	1,743	3,788	3,507	7,051
8125	Bottles and Jars	49	145	127	3,236
8130	Reels and Spools	189	705	860	356
8135	Packaging and Packing Bulk Materials	6,308	5,630	5,283	5,262

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Containers, Packaging & Packing Supplies (CONT)					
8140	Ammunition & Nuclear Ordnance Containers	107,880	27,957	52,708	74,627
8145	Specialized Shipping & Storage Containers	56,142	93,051	72,153	47,231
TOTAL	Containers, Packaging & Packing Supplies	203,010	165,262	166,238	158,471
Tex/lthr/furs/apparel/findings/tents/flags					
8305	Textile Fabrics	98,214	105,184	169,867	163,295
8310	Yarn and Thread	0	41	0	96
8315	Notions and Apparel Findings	2,069	1,605	2,844	4,579
8320	Padding and Stuffing Materials	69	0	39	156
8330	Leather	142	0	35	283
8335	Shoe Findings and Soling Materials	312	265	112	706
8340	Tents and Tarpaulins	67,497	69,397	84,892	79,569
8345	Flags and Pennants	2,135	3,320	4,306	3,311
TOTAL	Tex/lthr/furs/apparel/findings/tents/flags	170,438	179,812	262,095	251,683
Clothing, Individual Equipment & Insignia					
8405	Outerwear, Men's	151,784	218,183	186,172	154,837
8410	Outerwear, Women's	19,589	34,930	42,604	21,383
8415	Clothing, Special Purpose	280,844	345,712	330,697	383,194
8420	Underwear and Nightwear, Men's	4,293	55,838	11,853	36,872
8425	Underwear and Nightwear, Women's	277	0	0	0
8430	Footwear, Men's	148,509	159,895	114,728	121,615
8435	Footwear, Women's	7,331	5,405	2,165	1,677
8440	Hosiery, Handwear & Clothing Accy, Men's	21,907	22,369	28,203	33,887
8445	Hosiery Handwear & Clothing Accy, Women's	1,325	3,467	2,566	1,418
8450	Children's & Infant's Apparel & Accy	17,401	17,086	23,374	16,091
8455	Badges and Insignia	11,737	8,216	7,245	8,312
8460	Luggage	3,538	7,145	10,469	5,468
8465	Individual Equipment*	31,573	66,978	65,402	94,813
8470	Armor, Personal	68,957	71,591	69,999	55,850
8475	Specialized Flight Clothing & Accessories	15,028	32,443	14,864	26,734
TOTAL	Clothing, Individual Equipment & Insignia	784,093	1,049,258	910,341	962,151
Toiletries					
8510	Perfumes, Toilet Preparations and Powders	10,937	16,591	10,495	9,733
8520	Toilet Soap, Shaving Prep, Dentifrices	4,784	3,921	5,793	6,448
8530	Personal Toiletry Articles	2,764	2,708	3,353	3,142
8540	Toiletry Paper Products	14,955	13,216	15,410	13,489
TOTAL	Toiletries	33,440	36,436	35,051	32,812
Agricultural Supplies					
8710	Forage and Feed	9,577	12,001	9,163	8,705
8720	Fertilizers	42	64	393	499
8730	Seeds and Nursery Stock	256	391	592	678
TOTAL	Agricultural Supplies	9,875	12,456	10,148	9,882
Live Animals					
8810	Live Animals Raised for Food	600	204	0	0
8820	Live Animals not Raised for Food	565	611	788	541
TOTAL	Live Animals	1,165	815	788	541
Subsistence					
8905	Meat, Poultry and Fish	439,966	480,131	426,587	469,962
8910	Dairy Foods and Eggs	128,031	124,871	127,073	117,483
8915	Fruits and Vegetables	181,948	151,136	128,807	140,755
8920	Bakery and Cereal Products	126,817	135,905	106,029	118,950
8925	Sugar, Confectionery and Nuts	64,232	48,107	44,221	47,776

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
Subsistence (CONT)					
8930	Jams, Jellies and Preserves	10,902	11,623	8,425	8,844
8935	Soups and Bouillons	11,303	8,062	13,013	10,702
8940	Special Dietary Foods & Specialty Prep	138,196	148,709	132,167	124,851
8945	Food, Oils and Fats	16,204	12,745	11,882	13,777
8950	Condiments and Related Products	32,578	39,489	39,412	43,893
8955	Coffee, Tea and Cocoa	32,289	26,118	47,387	50,947
8960	Beverages, Nonalcoholic	33,237	20,281	25,682	22,542
8965	Beverages, Alcoholic	0	0	25	28
8970	Composite Food Packages	69,238	61,976	76,333	106,100
8975	Tobacco Products	102,429	94,631	92,377	78,780
8999	Food Items for Resale	75,271	92,939	73,391	59,851
TOTAL	Subsistence	1,462,639	1,456,723	1,352,611	1,415,241
Fuels, Lubricants, Oils and Waxes					
9110	Fuels, Solid	57,976	76,065	83,570	126,204
9130	Liquid Propellants & Fuel, Petroleum Base	3,595,203	3,522,114	3,150,244	6,438,906
9135	Liquid Propellant Fuels, Chemical Base	42,957	42,133	45,824	95,442
9140	Fuel Oils	794,934	834,216	931,591	2,795,791
9150	Oils & Greases: Cutting, Lubr & Hydraulic	57,919	67,497	102,623	80,419
9160	Miscellaneous Waxes, Oils and Fats	401	606	4,905	2,996
TOTAL	Fuels, Lubricants, Oils and Waxes	4,549,390	4,542,631	4,318,757	9,539,758
Nonmetallic Fabricated Materials					
9310	Paper and Paperboard	5,231	3,121	4,542	5,465
9320	Rubber Fabricated Materials	8,163	12,814	3,581	1,681
9330	Plastics Fabricated Materials	9,612	19,952	12,428	16,368
9340	Glass Fabricated Materials	2,360	1,083	1,451	2,438
9350	Refractories & Fire Surfacing Materials	38	173	379	772
9390	Misc Fabricated Nonmetallic Materials	2,938	3,485	6,426	6,048
TOTAL	Nonmetallic Fabricated Materials	28,342	40,628	28,807	32,772
Nonmetallic Crude Materials					
9410	Crude Grades of Plant Materials	0	33	0	0
9430	Misc Crude Animal Products, Inedible	32-	0	0	0
9440	Misc Crude Agricultural & Forestry Prod	0	0	27	0
9450	Nonmetallic Scrap, Except Textile	0	0	0	33
TOTAL	Nonmetallic Crude Materials	32-	33	27	33
Metal Bars, Sheets and Shapes					
9505	Wire, Nonelectrical, Iron and Steel	4,532	3,067	1,034	798
9510	Bars and Rods, Iron and Steel	8,855	3,613	4,293	5,364
9515	Plate, Sheet, Strip & Foil: Iron and Steel	15,232	24,672	41,283	27,104
9520	Structural Shapes, Iron and Steel	5,365	5,468	4,717	5,521
9525	Wire, Nonelectrical, Nonferrous Base Metal	375	218	637	252
9530	Bars and Rods, Nonferrous Base Metal	9,195	4,005	2,599	7,090
9535	Plate Sheet Strip Foil: Nonferrous Metal	25,654	18,527	13,882	22,106
9540	Structural Shapes, Nonferrous Base Metal	948	2,623	2,127	1,484
9545	Plate Sheet Strip & Wire: Precious Metal	37	82	110	82
TOTAL	Metal Bars, Sheets and Shapes	70,193	62,275	70,682	69,801
Ores, Minerals, and Their Primary Products					
9610	Ores	0	254	237	37
9620	Minerals, Natural and Synthetic	1,975	3,180	2,059	430
9630	Additive Metal Materials & Master Alloys	194	164	342	312
9640	Iron & Steel Primary & Semifinished Prod	2,679	4,121	1,838	1,650
9650	Nonferrous Base Metal Refinery	2,616	3,077	586	1,947
9660	Precious Metals Primary Forms	486	162	74	145
9670	Iron and Steel Scrap	74	0	0	0
TOTAL	Ores, Minerals, and Their Primary Products	8,024	10,956	5,136	4,521

# TABLE 3B. Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1989	1988	1987	1986
	Miscellaneous				
9905	Signs, Advertizing Displays, Ident Plates	1,284	1,631	5,316	3,708
9910	Jewelry	377	27	96	0
9915	Collectors and/or Historical Items	0	110	0	0
9920	Smokers' Articles and Matches	310	679	99	251
9925	Ecclesiastical Equip, Furnishings & Sup	70	289	357	148
9930	Memorials; Cemeterial & Mortuary Eq & Sup	196	269	2,960	1,791
9998	Nonfood Items for Resale	34,084	36,226	21,852	38,390
9999	Miscellaneous Items	2,368,885	2,891,522	565,131	435,341
TOTAL	Miscellaneous	2,405,186	2,930,753	595,811	477,629
	T O T A L    S U P P L I E S   A N D   E Q U I P M E N T	72,503,242	78,524,948	82,615,425	91,442,265

## LIST OF ABBREVIATIONS

The following abbreviations are used in this publication:

A&E	Architect and Engineer	MACH	Machine
AC	Air Conditioning	MAINT	Maintenance
ACCY	Accessory	MAP	Mapping
ACFT	Aircraft	MAT	Material
ADMIN	Administration	MEAS	Measure
ADP	Automatic Data Processing	MECH	Mechanical
ALTER	Alteration	MFG	Manufacturing
AMMO	Ammunition	MGMT	Management
ASSY	Assembly	MISC,MSL	Miscellaneous
		MM	Millimeter
BLDG(S)	Building	MSL	Missile
BTWN	Between		
		NAV	Navigational
CFT	Craft	NBS	Non-Building Structures
COML	Commercial	NUCL	Nuclear
COMM	Communications		
COMP(S)	Component	OPER	Operation
CONST	Construction	ORD	Ordnance
CONT	Continued		
CYC(S)	Cycle	PHOTO	Photographic
		PREFAB	Prefabrication
DEV	Development	PREP	Preparation
DLVRY	Delivery	PROD	Products
DR	Driven	PROF	Professional
DV	Device	PROP	Property
		PROPUL	Propulsion
ELCT	Electronic	PUB	Publication
ENG	Engine		
ENGR	Engineer	R&D	Research & Development
ENVIRON	Environment	REAC	Reactor
EPG	Electric Power Generation	RECR	Recreation
EQ,EQUIP	Equipment	REL	Related
EX	Except	REP	Representative
EXCL	Exclude	REPR	Repair
EXPLO	Explosive	REPRO	Reproduction
FAB	Fabricated	SEC	Security
FAC	Facilities	SECD	Secondary
FLTG	Floating	SIC	Standard Industrial Classification
		SML	Small
GBL	Government Bill of Lading	SP	Space
GND	Ground	SPEC	Special
GOCO	Government Owned, Contractor Operated	STA	Station
GOGO	Government Owned, Government Operated	STR	Structures
GOVT	Government	SUP	Supply
GTR	Government Travel Request	SURG	Surgical
		SV,SVC	Service
HOSP	Hospital	SYS	System
HWY(S)	Highway		
		TECH	Technical
INCL	Including	TELE	Telecommunication
INFO	Information	TEX	Textile
INST	Instrument	TRANS	Transmission
INTRCNG	Interchangeable	TRKS	Trucks
LAB	Laboratory	UN	Unit
LANG	Language	UNDWTR	Underwater
LDG	Landing	UTIL	Utility
LTHR	Leather		
LUBR	Lubricants	VEH	Vehicle
		VET	Veterinary
		WPN	Weapon